

An Interim Technical Report for the 2017 Field Season:

Archaeological Excavations at the Nate Harrison Site in
San Diego County, California



Cover image 1. Leah Hails (left) and Melissa Hare Allen pedestal dozens of late 19th- and early 20th-century artifacts, including faunal remains, glass, metal, and ceramics, in the central patio area of the Nate Harrison site.

Seth Mallios

With Contributions by Jaime Lennox, James Turner, Cece Holm, Jamie Bastide, Brandon Booth, Elyse Bradley, Kat Davis, Eduvijes Davis-Mullens, Shannon Farnsworth, Natalia Galeana, Leah Hails, Melissa Hare Allen, Michael Hoke, Shelby Jenkins, Alexia Landa, Hilary Llamas, Hilary Moore, Orlando Ramos, Amethyst Sanchez, Ninveh Shamoon, Kathleen Stanford, John W. Bond, David Lewis, Robert Guzman, Nick Doose, and Peter Brueggeman

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Abstract

San Diego State University Department of Anthropology Professor Seth Mallios directed scientific archaeological excavations at the Nate Harrison site in San Diego County for a sixth field season in 2017. Jaime Lennox again served as crew chief and laboratory supervisor for the archaeological program. There were two field schools. One was a Saturday-only class that ran the duration of the Spring 2017 semester, from January 21st through April 29th. It contained 16 students; 14 were undergraduates and two were graduate students. There was also an intensive Spring Break field school that took place from March 27-31, 2017. Twenty-eight students enrolled in this course; 24 were undergraduates and four were graduate students.

San Diego County pioneer Nate Harrison lived on Palomar Mountain during the late 19th and early 20th centuries, two-thirds of the way up its western slope. He was an African-American from the South and a former slave who became one of the region's most acclaimed pioneers. Although Harrison died in 1920, his legend only continued to grow in the century since his passing. The Palomar Mountain property that Harrison homesteaded in 1893 is now owned by Vicki Morgan, who graciously allowed Dr. Mallios and his students to continue archaeological work on the land, known today as "Harrison Serenity Ranch."

During the spring of 2017, the student archaeological crews built on field insights from previous seasons at the Nate Harrison site. They investigated multiple units in the cabin's patio area, focusing on areas to the immediate south and west of the patio area where previous fieldwork had identified deep historical deposits and high artifact frequencies. Results from the 2017 excavation units pinpointed differential activity areas to the west of the cabin. Frequencies of faunal remains and canned goods were not uniform across the patio area. Furthermore, isolated finds further contributed to site interpretations regarding Harrison's cottage industries.

The 2017 spring field schools uncovered 8,542 artifacts, placing the site's total at 32,973. The fieldwork emphasized a singular Harrison occupation at the site and pinpointed the cabin and patio as central loci of activity. Research in the field and laboratory continued to broaden insight into the life and times of Nate Harrison, one of the region's legendary pioneers.



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Figure 6.2. Spring 2017 Saturday-only field crew (l-r by height): Hilary Llamas, Kat Davis, Natalia Galeana, Edevijes Davis-Mullens, Ninveh Shamoon, Cece Holm, Jamie Bastide, Orlando Ramos, Hilary Moore, Alexia Landa, Shannon Farnsworth, Melissa Hare Allen, Michael Hoke, Elyse Bradley, James Turner, Brandon Booth. Top right: Dr. Seth Mallios. Top right: Jaime Lennox.

6.1 Acknowledgments

The sixth field season of excavation at the Nate Harrison site benefitted greatly from the efforts of many individuals. Landowner Vicki Morgan, board member Dr. Jacquelyn Martin, and Harrison Serenity Ranch manager April Walsh could not have been more supportive of the project and helpful to its participants. It truly is a joy to work with them on and off the mountain. In addition, various members of San Diego State University (SDSU), including President Elliot Hirshman, Provost Chukuka Enwemeka, College of Arts and Letters Dean Norma Bouchard, College of Arts and Letters Assistant Dean for Student Affairs Karey Sabol, Anthropology Department Chair Frederick Conway, and Anthropology Department Administrative Coordinator Iris Isla, have provided enthusiasm and timely resources for the project.

In November of 2016, the SDSU Association of Anthropology Students (AAS), under supervision from Dr. Seth Mallios, successfully garnered an SDSU Student Success Fee-Academically Related Programs (SSF-ARP) grant for \$22,660 to support the “Archaeological Field School at the Nate Harrison Site at Palomar Mountain.” This grant provided money for lodging, food, equipment, and report publishing that was essential to the Nate Harrison Historical Archaeology Project. AAS Fundraiser Chair Ninveh Shamoon was the lead on the grant; she worked in tandem with AAS President Melissa Ayala and AAS Vice President Hilary Moore. The AAS received additional monetary support (\$3,000) from the Associated Students (AS) Campus Program Funding (CPF) to pay for the university to host an exhibit highlighting recent finds from the dig.

The 2017 field students were tenacious, tough, and talented. The Saturday-only field class braved snow flurries, freezing rain, and a mud-slickened site. As a group, Jamie Bastide, Brandon Booth, Elyse Bradley, Kat Davis, Eduvijes Davis-Mullens, Shannon Farnsworth, Natalia Galeana, Melissa Hare Allen, Cece Holm, Michael Hoke, Alexia Landa, Hilary Llamas, Hilary Moore, Orlando Ramos, Ninveh Shamoon, and James Turner were outstanding (Figure 6.1 and Figure 6.2). The Spring Break field school was equally impressive; they were also the largest group (by far) ever to dig at the site. The week-long excavation crew consisted of Esther Aguayo, Melissa Ayala, Elyse Bradley, Chris Coulson, Eduvijes Davis-Mullens, Shannon Farnsworth, Natalia Galeana, Yesenia Garcia, Leah Hails, Melissa Hare Allen, Brandi Holcomb, Cece Holm, Michael Hoke, Shelby Jenkins, Alexia Landa, Hilary Llamas, Hilary Moore, Shannon Pierre, Martin Ramirez, Laura Roderickz, Amethyst Sanchez, Leland Searl, Ninveh Shamoon, Kathleen Stanford, Mariz Timog, Aldo Torales, and James Turner (Figure 6.3 and Figure 6.4). Fifth-grader Gabby Mallios also volunteered at the site for four of the five days of fieldwork. Jaime Lennox was extraordinary in her duties as crew chief and laboratory supervisor. In addition, Nick Doose graciously volunteered at the site for the entire spring dig. Hoover High School Video Production and Broadcast Journalism teacher John Michener joined the crew for the final Saturday; it was his drone that provided numerous exquisite aerial views of the site and the surrounding area (Figure 6.5 and Figure 6.6). In addition, Dr. John W. Bond performed the forensic analysis on the fired rifle cartridges and the associated written synthesis; Julian historian David Lewis single-handedly rescued a pear tree that was likely once part of the Harrison orchard; and Palomar Mountain historian Peter Brueggeman had an uncanny ability to find additional records, accounts, and images of Nate Harrison and the generosity to share them.



Figure 6.3. Spring 2017 Spring Break field crew (l-r): Michael Hoke, Martin Ramirez, Alexia Landa, Aldo Torres, Eduvijes Davis-Mullens, Jamie Bastide, Mariz Timog, Amethyst Sanchez, Leland Searl, Shelby Jenkins, Natalia Galeana, Shannon Pierre, Chris Coulson, James Turner, Elyse Bradley, Melissa Ayala, Laura Roderickz, Shannon Farnsworth, Hilary Moore, Kathleen Stanford, Dr. Seth Mallios, Melissa Hare Allen, Ninveh Shamoon, Leah Hails, Brandi Holcomb, Christian Allen, Jaime Lennox, Yesenia Garcia, Cece Holm.



Figure 6.4. Spring 2017 Spring Break field crew (l-r): Michael Hoke, James Turner, Eduvijes Davis-Mullens, Ninveh Shamoon, Esther Aguayo, Kathleen Stanford, Mariz Timog, Natalia Galeana, Elyse Bradley, Gabby Mallios, Yesenia Garcia, Martin Ramirez, Cece Holm, Melissa Hare Allen, Shelby Jenkins, Shannon Pierre, Brandi Holcomb, Christian Allen, Melissa Ayala, Amethyst Sanchez, Alexia Landa, Leland Searl, Chris Coulson, Aldo Torres, Leah Hails, Jamie Bastide, Hilary Moore, Shannon Farnsworth.



Figure 6.5. John Michener (right) flies his drone over the archaeological site, poses, and takes a photo of himself and Seth Mallios (left).



Figure 6.6. Michener's drone capture this aerial view of the site.



Figure 6.7. Shannon Farnsworth (left) and Orlando Ramos (right) screen their dirt through 1/8" mesh.



Figure 6.8. Kat Davis (far right) and Melissa Hare Allen (far left) complete a profile map while Hilary Llamas (second from left) and Ninveh Shamon (second from right) excavate adjacent units.

6.2 Introduction

The Nate Harrison Historical Archaeology Project unites research, teaching, and community engagement. It offers new insight into the multi-ethnic development of San Diego County, trains the next generation of archaeologists, and celebrates public history in a most accessible manner. The project, which began in 2004, is an ongoing endeavor.

The 2017 interim technical report presented here is a continuation of the 2004, 2005, 2006, 2007, and 2008 interim technical reports. Except where noted, this report employs the same core archaeological techniques detailed in the 2004 report and amended in the 2005-08 reports (Figure 6.7).

The 2017 report begins with an additional set of historical records, including photographs, narratives, and legal documents with a direct tie to the life and legacy of Nate Harrison. Interested community members forwarded many of the records to Professor Mallios. Accordingly, anyone with an historical image or any information regarding Harrison is urged to e-mail the project director at smallios@mail.sdsu.edu, call him at (619) 594-4748, contact him by mail at Seth Mallios, Department of Anthropology, San Diego State University, 5500 Campanile Drive, San Diego, CA 92182-6040, or just drop by his office (AL472 at San Diego State University).

Like the five previous technical reports from 2004 to 2008 and the 2017 final report that covered the first decade of excavation at the site, this 2017 interim technical report also discusses the excavation results from the past field season (spring of 2017). It details stratigraphic insights from the excavation season, and provides temporal and spatial summaries of the site's material assemblage. The report concludes with an overview of the large one-day exhibit on the Nate Harrison Historical Archaeology Project that the SDSU Association of Anthropology Students designed and displayed in the Conrad Prebys Aztec Student Union's Montezuma Hall on April 18, 2017. In synthesizing the sixth year of historical and archaeological work on the Nate Harrison Historical Archaeology Project, this annual publication serves as the 2017-2018 interim technical report (Figure 6.8).

Biographical Synopsis

The child of Ben and Harriet Harrison, Nate Harrison was born into slavery in Kentucky in the 1830s. Virtually nothing is known of his childhood. As a young man, he traveled west with his owner, Mr. Harrison, after the start of the Gold Rush (1848) but before federal emancipation (1863). Nate worked as a miner in northern California's mother-lode region in the 1850s and early '60s. Following the death of his owner, Harrison migrated southward toward Mission San Gabriel in the 1860s, working as a rancher, timber man, and laborer. During the 1870s, he frequented many parts of San Diego County, including Pauma Valley and other northern inland areas, as well as the city of San Diego; Harrison found regular work all over the region as a rancher, timber man, laborer, cook, and shopkeeper. He married an indigenous woman in the 1870s; little was recorded about her except that she was the mother of Fred "Sheep" Smith, a southern California rancher, and that she died soon after the union with Harrison. From 1879 to 1882, Nate Harrison patented and lived on land at Rincon, near the base of Palomar Mountain and adjacent to Pauma Indian territory. In 1882, Harrison sold this property to Andreas Scott and left Rincon, although he stayed in the general area and worked at Warner's Ranch and in Temecula for a few years. Harrison married again, this time to an Indian woman named Dona Lavierla; they were not together long. In the late 1880s, Harrison made his home two-thirds of the way up the west side of Palomar Mountain; he claimed the tract's water in 1892 and homesteaded the land in 1893. Nate Harrison lived on Palomar Mountain from at least the late 1880s through 1919. During his early years on the mountain, Harrison was busy in many local industries, including shepherding, cattle tending, bee keeping, and horticulture. In his later years on Palomar, he became a popular attraction for tourists, visitors, and friends, who helped to sustain him with regular gifts of food and other supplies. During a visit by acquaintances in October of 1919, an ailing Harrison was convinced to leave the mountain and receive medical attention. Now in his eighties or nineties, he lived for an additional year in the San Diego County Hospital before dying there on October 10, 1920. Harrison died intestate (without a will). Harrison's body was immediately interred in an unmarked grave in Mount Hope, the city cemetery.

6.3 Additional Historical Information

Ongoing research by members of the Nate Harrison Historical Archaeology Project and interested members of the local community have located additional sources of historical information pertaining to Harrison's life and times on Palomar Mountain. Old accounts, images, and records continue to contribute to a better understanding of this local legend. However, the findings often raise as many questions as they answer. The additional historical sources vary greatly, taking the form of government receipts, handwritten correspondences, contemporary photographs, secondary narratives, poems, paintings, etc. The search for any and all references to Nate Harrison is ongoing as it is impossible to know for certain what one does not have and what has yet to be found. None of this material has been presented in previous technical reports.

The Cabin Collection

Richard Day owned the former Harrison homestead on Palomar Mountain from 1969-2000. He once wrote to longtime Palomar resident John Smiley about the existence of various documents found in Harrison's cabin soon after Nate's 1920 passing. Day explained in 2015:

Four papers were found in Nate's cabin after his death. A fifth paper was in Spanish. I loaned it to a mountain visitor who promised to translate it and return. Never saw him or it again. I have no idea what it said. One paper was an agreement for Nate to supply fence posts in large quantities at a low price. Another was a postal card signed by Nate's granddaughter, settling the question (for me, at least) that Nate had been married. The originals of these five papers were collected by Elsie Roberts and held by Elsie's daughter Katie Beishline.

Catherine "Kate" Beishline collected many photographs of early Palomar Mountain; these images formed the Catherine Beishline collection, which was included in the Kirby Collection donation to the Nate Harrison Historical Archaeology Project in 2004. However, there were no materials in Spanish, nor was there any necessary correlation between the documents Day described and the Kirby Collection materials except for the signed photo from Nate's step-granddaughter (Dory Mary Smith). Day offered additional clues in his 2015 message to Smiley, writing that, "Elsie and Katie have passed away and Elsie's granddaughter Barbara Waite may now have [the cabin collection] ... Bonnie Phelps knows where Barbara lives but I don't think it's on the mountain."

Day's extended message to Smiley was intriguing for many reasons. First, this was the only mention of a document in Spanish at the Harrison cabin. Second, Day specified in his correspondence that one of the five items recovered from Harrison's cabin was the signed picture from Nate's granddaughter, indicating that certain items in this collection were indeed passed from Day to the Kirbys to the Project Director (Seth Mallios). Third, and most importantly, other former members of the mountain community might still have original Harrison documents.

The people mentioned in the e-mail, in addition to Palomar Mountain historian Peter Brueggeman, were essential in understanding the message and tracking down these documents. Barbara Waite recently published a retrospective biography of her grandmother's time on Palomar Mountain, entitled *Elsie's Mountain*. Bonnie Phelps, a prominent real estate agent in the Palomar Mountain area, seemed to know everyone in the region. The result was the re-discovery of the nine items long ago found in the Harrison cabin immediately after Nate's death, which Brueggeman copied, scanned, and forwarded to Dr. Mallios. For archival purposes, these items were collectively deemed here as "The Cabin Collection." The first item was a January 1, 1884 letter in English from Lee Utt to Nate Harrison. The second was an 1890 San Diego County poll tax receipt for Harrison. The third was a May 30, 1877 letter in Spanish from Benuto Boliato. The fourth was an 1880 receipt from Andres Scott. The fifth was the signed photograph from Dora Mary Smith. The sixth was a March 26, 1878 letter in English from H. Durand. The seventh was a June 15, 1875 letter in Spanish from Jose Axcate to Nate Harrison. The eighth was a December 10, 1880 letter in Spanish from Frederico Smith to Dona Lucia. The ninth was a June 13, 1873 four-page letter in Spanish

from Frederick Smith to Nate Harrison. The nine items corresponded with Day's description of five papers (four in English and one in Spanish) if all five of the letters in Spanish were counted as one.

There were many challenges in translating and transcribing the documents as some words had become obsolete, others were untranslatable, and more than a few were illegible. Despite these inherent limitations, bilingual members of the Nate Harrison Historical Archaeology Project embarked on a three-stage process of translation. First, the documents were transcribed as literally as possible (the Literal Method). Everything was left intact, and transcribers refrained from adding words, punctuation, etc. Second, the letters were translated from Spanish to English; it did not allow for words or punctuation to be added or cut from the text as close as possible to modern typography (the Literal Method). Second, where necessary the words were modernized; spelling, punctuation, and grammatical reconfigurations were made (the Modern Method). Third, for those letters that were in Spanish, the documents were translated into modern English. Occasionally, the translations required a significant reorganization. For example, in the Axcate letter, the original sentence, "Ahorra Enes tu y yo tenemos que arreglar aqui nomas," would be written in modern Spanish as "Ahorra Enes, tu y yo solamente tenemos que arreglar lo que se ha dicho en esta carta" to translate as "Now Ines, you and I need to fix this." Since the first and third steps were often highly redundant, only the first and third techniques were reproduced in this report. Translation selections with questionable interpretations were left in brackets.

The overall goal of the transcription and translation process was for the letters to retain their original meaning when presented in English. There were areas of uncertainty regarding spelling, grammar, and proper names, especially since nearly all of the documents employed at least some phonetic spelling and colloquial sentence structure. As a result, multiple attempts were made at transcription by different researchers.

Cabin Collection #1: January 1, 1884 Letter from Lee H. Utt to Nathan Harrison

(Figure 6.9)

The letter from Utt to Harrison stated:

Agua Tibia

Jan. 1, 1884

Nathan Harrison:

Dear Sir: I will take forty (40) Cedar Posts to be delivered at Scott's Store in the Rincon: and I agree to pay you 15cents each for said goods, it is to be understood that "Said Posts" are of good quality and size and proper length. Let me know by mail through Mr. Ruff (or by any other means you think best) when the Posts are ready and I will send you the money. I want the Posts soon.

Lee H. Utt

The Utt letter contained many important details. It verified the working relationship between Major Utt and Harrison, supported accounts of Nate's skills as a laborer and timberman, and corroborated Utt's primary residence at Agua Tibia. In addition, the letter referred to "Scott's Store in the Rincon," which was Andres Scott's general store on land at Rincon that he had purchased from Harrison two years earlier in 1882.

Cabin Collection #2: May 11, 1880 San Diego County Poll Tax Receipt

(Figure 6.10)

This receipt verified that Nathan Harrison paid his San Diego County poll tax on May 11, 1880. The County Treasurer (Wm. Jorres), County Auditor (Gibert Renni), County Assessor (M. D. Harrutton), and Deputy (G. H. Zeigler) signed the receipt. Poll taxes were fees that all voters had to pay when casting a vote in an election. The tax was independent of property ownership or wealth. White officials in Southern states often used poll taxes to circumvent the 14th Amendment of the U.S. Constitution and prevent blacks from voting. Although commonly associated with the American South as a tactic of Jim Crow discrimination, poll taxes were also common in the Old West. In fact, California had a poll tax until 1914, but it did not block from Harrison from voting in 1880. Today, poll taxes in the United States are illegal.

Aqua Libera
Jan 1 1884

Nathan Harrison:

Dear Sir: I will take forty
(40) Cedar Posts to be delivered
at South Store in the Ripon:
and I agree to pay you 15
cent each for said posts, it
is to be understood that said
Posts are of good quality and
size and proper length.
Let me know by mail through
Mr Ruff (or any other means
you think best) when the Posts
are ready and I will send you
the Money. I want the Posts soon.

Lee H. Utt

Figure 6.9. Cabin Collection #1: January 1, 1884 letter from Lee H. Utt to Nathan Harrison.

POLL TAX RECEIPT, 1880
Under Sections 3841 to 3844, Political Code.

No. 407

RECEIVED OF Nathan Harrison
this 11th day of May 1880, the sum of TWO DOLLARS,
in full payment for his Poll Tax for the year 1880.

Wm. J. Jones County Treasurer. \$2 M. D. Hammett County Assessor.
Robert J. Smith County Auditor. G. H. Zeigler Deputy.

STATE OF CALIFORNIA,
COUNTY OF SAN DIEGO.

Figure 6.10. Cabin Collection #2: May 11, 1880 San Diego County poll tax receipt.

San Luis Rey 30 de Mayo de 1877
 Señor Don Alegre Calao
 Aguardado judicial
 de todo mi Aprecio y Distincion
 Camino Recibe la Carta
 Buena de
 Labonogada
 de el Patron Luis a cargo el domingo
 Falle Baron del campo
 sin otros Arguena el medio
 para de si que Ba pasa con La ca
 broa hoy mañana
 y el domingo lo mande de cir
 que se podía venir o si no
 lo mandara sin cargo y Los ley
 pero

Benuto Boliato

Figure 6.11. Cabin Collection #3: May 30, 1877 letter in Spanish from Benuto Boliato.

Cabin Collection #3: May 30, 1877 Letter in Spanish from Benuto Boliato to Ologassie [?] Calac

(Figure 6.11)

The third letter in the Cabin Collection was very difficult to transcribe and translate on account of the penmanship and colloquial Spanish. Even after extensive consultation, sections of it remain questionable as to their original meaning.

The original letter from Boliato stated:

*San Luis Rey 30 de Mayo de 1877
Señor Don Ologassie [?] Calac
Mi querido general,
De todo mi aprecio y __ iste __ cariño recibí tu carta,
Bueno Señor
Laborregada de Nosotros las sacaron el domingo. Lalle Buron del Campo sin decir ninguna el mucho.
Y hara de seguir bajaba con la ca __, creo hoy o mañana
y el domingo lo mando [niando] decir que si podía venir o si no mandare un correo y los l __ __ __ espero
Binuto Boliato*

The same letter transcribed into English was:

*San Luis Rey Mayo 30, 1877
Mr. Ologassie [?] Calac
My dearest general (authority)
Of all of my appreciation and _____ darling, I received your letter.
Well Sir,
Our sheep herd (or sheep farm) was taken out on Sunday, Lalle Buron del Campo did not say much.
And he will continue to go down with the ca __ __ __ I believe today or tomorrow.
And on Sunday I will let him know [take note of].
If you can come or if not I will send mail and I'll wait for you.
Binuto Boliato*

There were many questions that remained after repeated attempts at transcription and translation. Perhaps “Lalle Buron del Campo” (or “Calle Buron del Campo”) was a place name. “La Borregagda” could refer to a flock of sheep or a sheep farm; the way it was used in a sentence—specifically referring to movement—suggesting the herd interpretation over the strict farm denotation. The words “mando” and “niando” would look very similar on a handwritten letter; in this instance, it was most likely that the sentence referred to “taking note of” (niando) as opposed to the proclamation “let it be known” (mando).

Despite the short and fragmented nature of this correspondence, it still offered important insights into the life and times of Nate Harrison. First, the letter identified the significance of sheep during the late 1870s. Second, the note demonstrated how letters were used to set up meeting times. With ranches often located in remote areas and the tending to sheep requiring large tracts of land, these mailed correspondences were often essential to coordinating business activities. Both of these insights—the importance of sheep and mailed correspondences—would be echoed in later letters from the Cabin Collection. The people involved in this correspondence were difficult to identify. The Calac family figured prominently in Harrison’s life. Max Calac was a close friend, his mother Carnacion Calac was Nate’s godmother, and his father Chief Juan Sotelo Calac was the Rincon priest that baptized Harrison. There was no mention of Ologassie Calac in any of the relevant historical records, although this individual’s first name could have been spelled differently. For that matter, the name Binuto Boliato was an educated guess as well; the faded cursive writing was difficult to read.

Cabin Collection #4: April 28, 1890 Receipt for Nathan Haris from Andres Scott and Mr. John Griddens

(Figure 6.12)

Nathan Haris [Harrison] received a general receipt from Andres Scott and Mr. John Griddens at Pauma on April 28, 1890 for \$9.05. It did not specify what Harrison had purchased. The receipt was a standardized ledger designed for the 1880s, but the second 8 in “188_” had been overwritten with a “9.” Scott ran the general store at Rincon in Pauma territory; this was likely a receipt for goods from his store.

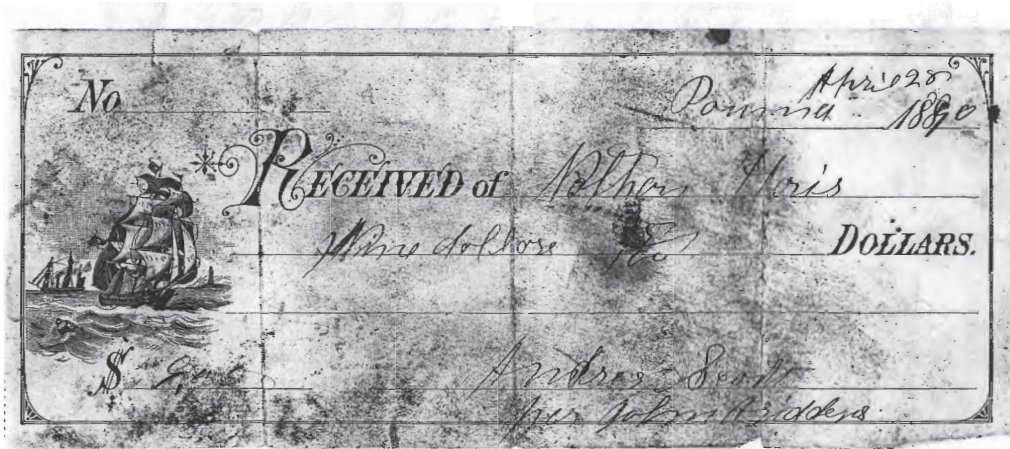


Figure 6.12. Cabin Collection #4: April 28, 1890 receipt for Nathan Haris from Andres Scott and Mr. John Griddens.

Cabin Collection #5: Undated Picture from Dory Mary Smith (Front and Back)

(Figure 6.13)

Fred Smith was important in Nate Harrison’s life for multiple reasons. Frank Machado, in an interview with Robert Asher, claimed that Nate “went to (Yerba) Canyon near Santa Ana [and] Married Fred Smith’s mother, a Lake Pechanga woman.” Other historical accounts added that Harrison’s first wife had children from a previous marriage. Furthermore, in a stack of Harrison-related photographs in the Kirby Collection (which included this one in the recently re-discovered Cabin Collection), there was one particular image of a young woman, presumably of California Indian descent, with an inscription on the back that read, “From your granddaughter Dory Mary Smith, Norwalk Route of Bloomfield District.”

When Harrison married Smith’s mother in the late 1860s or early ’70s, he became Fred Smith’s stepfather and the step-grandfather of Smith’s current or future children. Dory Mary Smith was born to Fred and Maria Smith (née Mogort) on November 3, 1882, at least nine years after Harrison married Fred’s mother. Based on the clothing in the photograph, the image of Dory Mary Smith was taken around the turn of the 20th century; the fact that she would have been about 18 years old at the time further supported this identification. Dory Mary Smith signed the photograph and listed her contact information as the Norwalk Route of Bloomfield District, which corresponded with the land that Fred Sheep Smith’s son, presumably Dory Mary’s brother, donated for a school. In addition, this address matched that of Fred Smith’s at the time. Dory Mary Smith married Frank Carricaburu and, according to the 1930 Census, had seven children Dory Mary Carricaburu (née Smith) remained in the Los Angeles area for her entire life and was buried in the Artesia Cemetery District, Cerritos, Los Angeles County. Her gravestone was a simple flush marker with her name, the inscription “Mother,” and her 1882-1940 lifespan.



Figure 6.13. Cabin Collection #5: Undated picture from Dory Mary Smith (front and back).

Cabin Collection #6: March 26, 1878 Letter in English from H. Durand

(Figure 6.14)

The letter from Durand stated:

Ring Con [Rincon]

Mar. 26th, 1878

Dier [Dear] Sir:

Mr. [Lindare]

You failed to fill the bill with me why so I would like for you to send the son [sum] of thirty dollars.

H. Durand

This letter contained multiple phonetic spellings and was written in a cursive that was difficult to decipher. As a result, the transcription is an approximation. “Ring Con” was clearly the phonetic spelling for “Rincon,” and “son of thirty dollars” was most certainly “sum of thirty dollars.” The recipient of the request for payment—“Lindare”—could have been “Zindare” or numerous other five- or six-letter surnames. Furthermore, the 1878 year of the correspondence is far from certain; it could have been 1872 or perhaps 1892 or 1898.

Despite the transcription challenges, this letter—assuming it was originally addressed, sent, and meant for Harrison—placed Nate in the immediate area of Rincon in the late 1870s. This geographic designation corresponded with Harrison’s patenting of land at Rincon in 1879; he did not sell it to Andres Scott until 1882. Harrison would likely have had to live on the property for five years and build on it to have qualified for the U.S. land patent, suggesting that he would have resided at Rincon from at least 1874-1882.

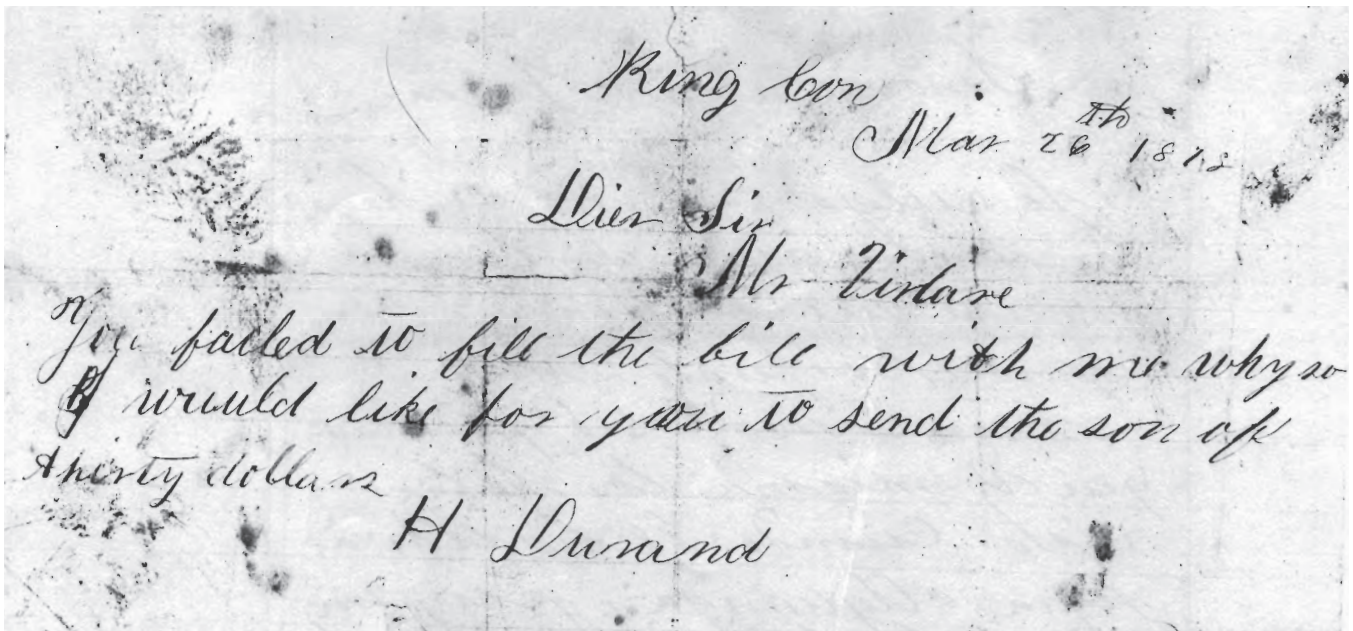


Figure 6.14. Cabin Collection #6: March 26, 1878 letter in English from H. Durand.

Cabin Collection #7: June 15, 1875 Letter in Spanish from Jose Axcate to Nate Harrison

(Figure 6.15)

The original letter from Axcate stated:

Potrero 15 De Junio de 1875
 Señor Don Enes mi muy estimado.
 Tomo la {pitima} con el fin para
 Saludar a reunion de mi amigo
 Don Enes. Bueno Don enes aquí lle-
 go contigo nothisias [noticias] de Dona Calis-
 tra de allá de San Juan es que
 dijo Doña Calistra que me aga
 el favor de a ser mis tabletas,
 Don Enes yo quiero Dos mil De
 Tablets a Si es que Dijo ella
 Don enes. Me debe una llegua,
 pero ahora yo quiero tabletas,
 A si es que dijo Doña Calistra.
 Ahora enes yo y tu tenemos que a
 Re glar a qui nomas.
 - Señor Jose Axcate

Many of the phrases in this letter were written phonetically; for example, “aga” was “haga,” “a ser” was “hacer,” and “a Re glar” was “arreglar.”

The same letter transcribed into English was:

Potrero, June 15, 1875
 Mr. Ines my very dearest,
 I'll save my {pity} for the end and say my greetings for my friend, Mr. Ines. Well, Mr. Ines, I come with
 news from Mrs. Calistra from San Juan. Mrs. Calistra asked if you could do me the favor of making me

Potrero 15 De junio de 1875

Mr Don Ines mi muy estimado
 tomo la pluma con el fin para
 saludar a v. p. union de mi amigo
 Don Ines Beeno Don Ines a qui lle
 go con el hijo Petisia De dona Calis
 tra de alla de San Juan es que
 dijo dona Calistra que me aga
 el favor a ser mi tabletas
 Don Ines yo quiero dos mil de
 tabletas a si es que dijo ella
 don Ines Me debe una lle qua
 pero ahora yo quiero tabletas
 a si es que lijo Dona Calistra
 ahora eres yo y tu tenemos que a
 Reglar a qui somos
 Señor Jose axcate

Figure 6.15. Cabin Collection #7: June 15, 1875 letter in Spanish from Jose Axcate to Nate Harrison.

tablets. Mr. Ines, I want two thousand tablets. Mr. Ines, you owe me a mare, but for now I only want tablets. That is what Mrs. Calistra said. Now Ines, you and I need to fix this.

-Mr. Jose Axcate

When Nate Harrison converted to Catholicism, he took the confirmation name “Ines.” As other letters in this collection indicated, the “Mr. Ines” in this correspondence was, in fact, Nate Ines Harrison. This letter contained numerous clues into the daily life and business activities of Harrison. It indirectly mentioned the horses that Nate occasionally sold and emphasized his tablet-making talents as well. Although the word “tabletas” or “tablets” was mentioned on multiple occasions, there were no indications as to what kind of tablets Nate made. Jose Axcate wrote the letter from Potrero, a small cattle town near Tecate, Mexico in southeast San Diego County that was 50 miles south of Palomar Mountain. The name “Potrero” translated from Spanish as “pasture land,” “pasture field,” or “cattle ranch.”

The Axcate letter included a distinct spelling that suggested a potential geographic nativity in the Old World as well. It stated “nothisias,” instead of “noticias” for “news,” intimating that the speaker employed a distinctly Catalonian or Basque dialect. The Nate Harrison Historical Project has uncovered many ties between Harrison and Basque emigrants, especially those that specialized in the sheep industry. Perhaps Jose Axcate was another Basque-born shepherd in San Diego County with ties to Nate Harrison, like William Boucher, Albert and Augustine Forsat, and the Mogort and Hindorff families.

The many obscure nuances in this letter led to additional independent attempts at translation with an eye on authorial intent. An alternative English transcription stated:

Potrero, June 15, 1875

Mr. (highly respected) Ines, I highly respect you.

I finally took the poultice [medicine] with the intention to attend the meeting with my friend, Mr. Ines.

Well, Mr. Ines, Patricia of Mrs. Calistra arrived here at your request from San Juan. Mrs. Calistra said

that she wants you to give me my tablets. Mr. Ines, I want two thousand tablets. That is what she said, Mr.

Ines. You owe me a mare, but now I want my tablets. That is what Mrs. Calistra said. Look Ines (dropped respectful salutation), we have to reach an agreement.

-Mr. Jose Axcate

This second translation offered a different tone to the correspondence. It indicated that Axcate’s demand started out respectfully but in the end turned contentious. Jose began with great esteem for Nate, bringing him up to date on some kind of illness he had endured. He then transitioned to the business at hand, that Mr. Ines [Harrison] owed Jose some tablets—again, these could be wood planks for building, table planks, or even some kind of high end material. Nate sent Patricia, who might have been a friend or servant of Mrs. Calistra, and offered Jose a mare. Axcate seemed to indicate that he was owed the mare, but in addition he wanted his planks/tablets and was not going to accept the payment of only the mare. His irritation showed when in the last sentence Jose ended any sign of respect and simply said that the time had passed for niceties and they needed to resolve the issue.

Cabin Collection #8: December 10, 1880 letter in Spanish from Frederico Smith to Dona Lucia

(Figure 6.16)

The original letter from Frederico Smith to Dona Lucia stated:

Anaheim; Dec 10, 1880

Señora Dona Lucia,

Le ruego a usted, no se haga

la sueca acerca de las

yeguas que le vendí a su

esposo, el difunto Miguel.

Eran cosa de 6 o 7 bestias

que usted misma las habra

visto cuando él las lleva

para Aguango, y hay un

fiero, también de lo cual hay

muchos testigos.

Pues las bestias se las vendí

fiadas por la suma de (80.00)

ochenta pesos, y le di un papel

de venta de dichas bestias

y el me dio un pagaré,

tambien a mi el cual yo tengo

todavía.

Ahora yo quiero que me

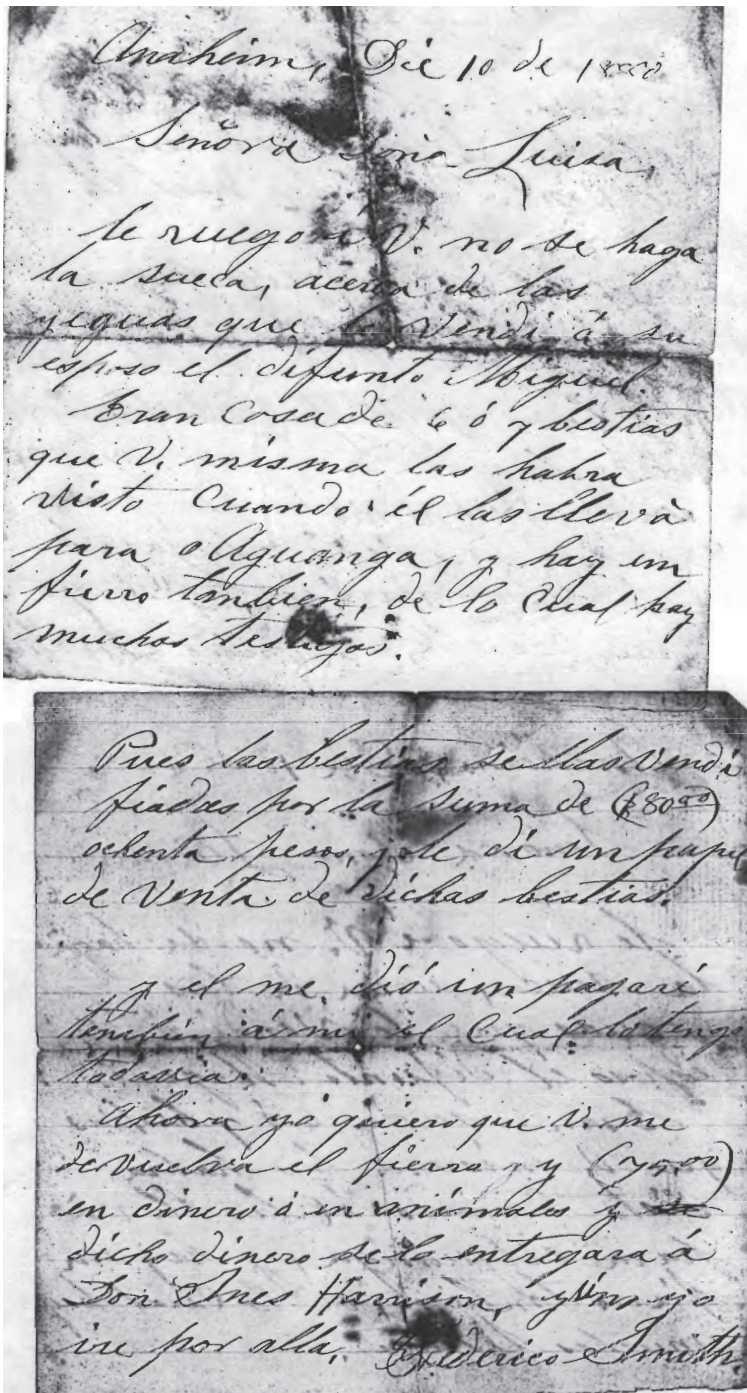


Figure 6.16. Cabin Collection #8: December 10, 1880 letter in Spanish from Frederico Smith to Dona Lucia.

devuelva el fiero y 75.00
 en dinero o en animals y
 dicho dinero. Se lo entregará a
 Don Ines Harrison y luego yo
 ire por alla.
 Frederico Smith

The same letter transcribed into English stated:

Anaheim, December 10, 1880
 Mrs. Lucía,
 I beg of you, do not play dumb [don't be coy] regarding the mares that I sold to your deceased husband, Miguel. It was about 6 or 7 beasts that you yourself must have seen when he took them to Aguanga. And there is also a metal [a piece of iron] of which there are many eyewitnesses. Well, I sold you the beasts [mares] for the sum of 80 pesos. And I gave him a receipt [a paper] of said sales of the beasts to which he gave me a promise to pay back [IOU], which I still have. Now I want you to return the metal [piece of iron] and 75.00 in cash or in animals. Give it to Mr. Ines Harrison, and I will head over there to collect it.
 Frederico Smith

This letter included many important details. First and foremost, it clearly established the link between the name “Ines” and Nate Harrison as Smith told Lucía to give the metal and cash to “Mr. Ines Harrison.” In addition, it corroborated Fred Smith’s presence in both the Los Angeles area and at Palomar Mountain as the correspondence was sent from Anaheim and ended with a reference to Smith joining Harrison, presumably near Rincon where he owned land or at Bear Valley or San Jacinto where Nate appeared on two different 1880 census records. Furthermore, the letter referenced Miguel taking the mares to Aguanga, which was located less than 10 miles from Rincon, on the northern base of

Palomar Mountain. In fact, the mares might have initially belonged to Harrison. This correspondence included the old Spanish idiom; “No te hagas la sueca” translated to “Don’t be [a] Swede” and referred to the practice of pretending to be ignorant. This expression originated in Spain where Swedish sailors would strategically feign stupidity and use their perceived ignorance of the Spanish language to their advantage. Barcelona native Eduardo Costa noted that the phrase is still used in contemporary Spanish society, explaining that, “Hacerse el sueco’ is a way of saying you don’t understand because you don’t want to understand” (personal communication, Eduardo Costa, May 29, 2017).

Cabin Collection #9: June 13, 1873 Letter in Spanish from Frederico Smith to Nate Harrison

(Figure 6.17)

The original letter from Frederico Smith to Nate Harrison stated:

*San Luis Gonzales Ranch;
13 de Junio 1873
Muy Señor Mío
Querido padraastro deseo mucho
que al recibir esta carta se
encuentre en buena salud.
Apesar de que estoy muy rico
de salud y muy pacífico con
todos de mis amigos con quien estoy
presente.
Estoy muy contento de ver
mi aventura, no como el
año anterior. Yo, durante cinco
meses andaba en una horrible
miseria de salud.
Lla como le he dicho, los
gastos de la enfermedad que tuve,
no bajo la suma de 60.
Aquí se van a terminar
todas mis palabras.
Ya, como le he dicho, que si
yo no vuelvo para allí
en Agosto,
ya sabrá usted lo que va hacer.
Cuidar sus animalitos bien, lo
mejor que pueda.
Son suyos todos los animalitos
que tiene usted ahora allí.
Pero no son para que usted los vende
ni los abandone como en los
tiempos anteriores.
Que todo su trabajo lo abandonaba
usted y eso es la causa que usted
no tiene nada ahora. Tanto
tiempo que ha estado en
California.
Y si usted quiere cuidar un trabajo
desde ahora, al cabo de dos a
tres años tendrá algo,
pero si usted no cuida su trabajo,
nunca tendra nada a un. Ya
es decir que ni yo tampoco no tendré
nada.
Hombre, no se que hacer ni qué
decir, pues las plazas por aquí
son buenas para los hombres que*

quieren trabajar. Aquí me ofrecen \$30 por cada mes y por eso digo yo que no se si me iré o no. Sin embargo tengo que irme pero no le diré por seguro cuando eh. Pero mi deseo es siempre de verlo a usted el 23 o 24 de agosto de este año. Pero si yo no llego en el mes de agosto entonces ya usted perderá la esperanza de verme este año. Porque si me quedo aquí tengo que trabajar poco mas o menos de un año entonces tal vez me iré. Ahora ahora estoy en la misma compañía de Don D. Bastanchury. Pero deseo de separarme de él de aquí en seis o ocho dias. Si señor, Si Dios quiere, yo estaré allí en Agosto para ver la función de San Luis Rey. Y si no estoy allí en este tiempo, sabrá Dios en donde estare. Ay de mí, qué haré, ya no hay vida tan miseria como la mia a fin de todo esto. Saludos para todos los que se acuerden de mi y también a toda la familia de mi tía Margarita y a Don José María Trujio -J. Frederick Smith (J. Frederico Smith)

The same letter transcribed into English stated:

*San Luis Gonzalez Ranch
June 13, 1873
My dearest sir,
Beloved stepfather, I really do hope that by the time you receive this letter you are in good health [that this letter finds you in good health]. Despite that I am rich in health [or rich with good health] and easy going with all my friends who I'm with, I am very happy to see my adventures [the condition of my life] unlike the previous year. During five months I went through a horrible misery of health. Now that I have told the expenses of my sickness that I had, the cost of 60 did not go down [the costs associated with my illness were not under 60].
Man, I don't know what to do nor what to say. The town squares here are good for men who want to work. Here, they are offering me 30 for every month. For that reason I say that I am not sure if I will leave or not. However, I have to leave, but I won't tell you for sure when I will leave (eh). But my wish will always be to visit you on the 23rd or 24th of August this year. But if I do not get there during the month of August, then you will lose any hope to see me this year. Because if I stay here, I have to work more or less than a year, then maybe I'll leave.
Now, I am in the same company of [staying with] Mr. D. Bastanchury. But I wish to separate from him*

here in about six to eight days. Here, I will finish with all my words (I will close by saying). Like I have told you, if I don't return by August, you will know what you have to do. Take care of all of your little animals as best you can. All of the little animals there are yours, but they are not for you to sell or abandon [or neglect] like in previous times. All this time that you have been in California, you have abandoned your work, and that is why you don't have anything now. And if you want to maintain a job as of today, in about two or three years you will have something. But, if you don't maintain your job you still will never have anything. It is to say that neither will I have anything [And I will end up with nothing]. Yes sir, if God permits, I will be there in August to see the function [the festival/show/performance] of San Luis Rey. If I am not there by that time, God knows where I will be. Oh poor me [Oh my], what will I do, in the end there is no life as miserable as mine. Greeting for all of those who remember me and to all of my Aunt Margarita's family, and Mr. Jose Maria Trujillo.
J. Frederick Smith, J. Frederico Smith

Of all the correspondences in the recently rediscovered Cabin Collection, this one was the longest and most informative. Smith started the letter with the phrase “Querido padrastró,” which translated to “Beloved stepfather.” This affectionate term firmly established that Harrison had married Fred Smith’s mother in 1873 (the date of the correspondence) or earlier; it provided a *terminus antes quem* for the marriage of 1873. Furthermore, the phrase clearly revealed that the Fred Smith and Nate Harrison maintained a close relationship. Smith repeatedly professed his care and respect for Harrison (e.g., “beloved stepfather,” “dearest sir,” etc.), but he also chastised his stepfather in a manner consistent with familial ties. Few others besides relatives simultaneously offer such warmth and criticism. Smith expressed dutiful concern for how Harrison had shirked responsibility in the past, stating, “All this time that you have been in California, you have abandoned your work, and that is why you don’t have anything now... if you don’t maintain your job you still will never have anything.” Clearly Smith was frustrated with Harrison’s tendency to bounce from job to job with little care or concern for past responsibilities. Smith was direct in his critique of Nate’s poor work ethic. He noted how this behavior would ultimately impact himself, explaining that if Nate failed to accumulate wealth he would have nothing to pass to his relatives. Smith concluded, “And [then] I will end up with nothing.”

The primary motivation for Smith’s letter seemed to be in coordinating a trip to visit Harrison. In explaining the difficulties in making the journey, Smith addressed the extensive business dealings at his ranch. In the same passage Smith mentioned that he was in close contact with “Don D. Bastanchury”; Mr. Domingo Bastanchury was a highly influential business figure in Orange County. Born in French Basque territory in 1839, Bastanchury left Europe in the 1850s, sailing around South America’s Cape Horn to southern California (Bradshaw 1936). His initial business foray into sheep herding proved lucrative; it was not long before Bastanchury owned between 15,000 and 20,000 sheep. In the process of this ranching venture, Bastanchury also acquired numerous land holdings in and around Fullerton and ventured into horticulture and oil drilling as well (Bradshaw 1936). So successful were his fruit-tree groves that his descendants would become one of the largest orange-growing families in the world (Fullerton College Centennial 2015). Overall, few people were more prominent in southern California’s early American period sheep industry than Bastanchury and Fred “Sheep” Smith.

The lengthy Smith letter to Harrison also included a reference to Jose Maria Trujillo in its last sentence. Specifically, Smith (born in 1850) asked Harrison to pass on greetings to Trujillo (born in 1854), suggesting that the two, or their families, were close friends. Trujillo had long lived near Palomar Mountain. In 1845, Mexican-Period California Governor Pío Pico had granted a large tract of land in the area to Trujillo’s mother, Maria Juana De Los Angeles. Trujillo inherited this land but later fell on hard times and sold it to Charles Mendenhall, grandson of Palomar cattle baron Enos T. Mendenhall. Trujillo’s misfortunes seemed to have continued as Darrell Beck referred to him in the article, “On Memory’s Back Trail: The Mendenhall’s ‘Cattle Kings’ of Palomar Mountain” as was a “one legged silversmith who made spurs and bits for the cattlemen” (Beck, No date). This reference to metal-working might have had a tie to a passage in the 1880 letter Smith wrote to Doña Lucia, which mentioned “fieros” or “metals.” Smith claimed that he never received payment for six or seven beasts and demanded that cash and metals be returned to him.

The Trujillo-Harrison connection might have been just a friendship, or it might have been more. There were multiple ways to read the sentence: “Greeting for all of those who remember me and to all of my Aunt Margarita’s

San Luis Gonzales Bando
 13 De Junio De 1873.
 Muy Lrico mio.
 Recibiste acaso mucho
 de esta carta de
 buena salud.
 Apenas de ya yo estoy muy rico
 de salud y muy pacifico con
 mis amigos con quienes estoy
 contento.
 Estoy muy contento ahora de ver
 mis aventuras no como el año
 anterior que durante cinco
 meses andaba en una horrible
 miseria de salud.
 Sea con lo dicho que los
 gastos de la enfermedad que tuve
 esto bajo la suma de \$ 60;

Aquí se van a terminar
 todas mis palabras.
 ya como le he dicho que si
 yo no vuelvo a para allí
 en Agosto.
 ya sabe v. lo que me hacen
 cuidar sus animalitos bien
 mejor que pueda.
 Son suyos todos los animalitos
 que tiene v. ahora allí
 pero no son para que v. los vende
 ni los abandone como en los
 tiempos anteriores.
 que todo su trabajo le abandonaba
 si y esa es la causa que v.
 no tiene nada ahora tanto
 tiempo que ha estado en
 California.
 y si v. quiere cuidar su trabajo
 desde ahora al cabo de dos o
 tres años tendrá v. algo.
 Pero si v. no cuida su trabajo bien
 nunca va tener nada v. ni aun ya

Hombre non que haces ni que
 decir pues las plagas por aquí
 son buenas para los hombres que
 quieren trabajar, ami aquí me
 pagan \$ 70 por cada mes y
 por eso digo yo que non si me
 va o no, sin embargo tengo que
 irme pero no le dire por que
 cuando es.
 Pero mi deseo es siempre de irme de
 el 27 o 29 de Agosto
 que
 Pero si yo no llego allí en el
 mes de Agosto, entonces ya si
 perderé las esperanzas de irme
 este año.
 Porque si me quito aquí, tengo que
 trabajar poco mas o menos de un año,
 entonces talves me ire.
 Ahora ahora estoy en la misma
 Compañia de Don D. Bastanbury.
 Pero deseo de separarme del de aquí
 así o ícho. Dios

es decir que si yo tampoco no tendre
 nada
 Si Dios quiere
 yo estar allí en Agosto para ver
 la funcion de Don Luis Rey?
 y si no estoy allí en este
 tiempo, sabe Dios cuando estare
 Hay de mi que hacer yo no hay
 vida tan misera como la mia
 A fin de todo esto.
 Saludos para todos los que se
 acuerden de mi.
 y tambien a toda la familia
 de mi tia M. Margarita
 y a Don J. San Maria y Sergio.
 J. Frederic Smith
 J. Frederic Smith

Figure 6.17. Cabin Collection #9: June 13, 1873 letter in Spanish from Frederico Smith to Nate Harrison.

family, and Mr. Jose Maria Trujillo.” Specifically, was the title “Aunt” for Margarita literal or figurative? If it was literal, was it Fred Smith’s mother’s sister or father’s sister? Also, were Aunt Margarita’s family and Mr. Jose Maria Trujillo one in the same or separate? This might have been a wild goose chase; however, there would be important ramifications if the following three statements were true:

1. Aunt Margarita was a literal aunt,
2. She was Fred Smith’s mother’s sister (which according to many systems of kinship was an extremely close bond on par with mother-son), and
3. Trujillo was part of Aunt Margarita’s family.

Jose Maria Trujillo would have not only been Fred Smith’s friend but his first cousin. This might have supported by the circumstantial evidence that Jose Maria Trujillo’s mother was *Margarita* Sobenish, who was born at the nearby San Luis Rey Mission in 1816. Although project researchers have not been able to find the given name of Fred Smith’s mother (Nate Harrison’s wife), this correspondence might have identified her sister’s name as Margarita Sobenish.

Smith’s letter to Harrison also included subtle insights into the animals the latter might have been raising at the time. Smith specified that, “Take care of all of your little animals the best you can. All of the little animals there are yours, but they are not for you to sell or abandon like in previous times.” The phrase “little animals” likely referred to something other than cattle or horses. Since other historical records offered accounts of Harrison abandoning previous flocks of sheep, and since Fred Smith’s nickname was “Sheep,” he likely admonished his stepfather to take better care of the sheep in his possession.

New Government Records

There are two additional sets of government records that included Nate Harrison’s name that have never been documented in technical reports. The first were in the index to Great Registers for San Diego County and included:

- Index to Great Register of San Diego Co., Cal. 1902, Palomar Precinct
(Nate Harrison, Jessie, Age 72)
- Index to Great Register of San Diego Co., Cal. 1904, Palomar Precinct
(Nate Harrison, Jessie, Age 73).

Catherine Wood noted in her book *Palomar: from Teepee to Telescope* that the Jessee Post Office on Palomar Mountain “was located at the east end of Mendenhall Valley. It was established in 1896, and took its name from that of the postmaster, Harriet L. Jessee. It died a natural death with the later slump in population, being officially discontinued in July 1904” (Wood 1937).

The second set of records came from the San Diego City and County Directory and consisted of:

- Dana Burks’ San Diego City and County Directory 1905, Containing an Alphabetical List of Business Firms and Private Citizens of San Diego City and County, Coronado, Escondido, National City, and Oceanside ...San Diego: San Diego Directory Company, 1905,
(Nellie: Nate Harrison)
- Dana Burks’ San Diego City and County Directory 1906, Containing an Alphabetical List of Business Firms and Private Citizens of San Diego City and County, Coronado, Escondido, National City, and Oceanside ...San Diego: San Diego Directory Company, 1906,
(Nellie: Nate Harrison)
- Dana Burks’ San Diego City and County Directory 1907, Containing an Alphabetical List of Business Firms and Private Citizens of San Diego City and County, Coronado, Escondido, National City, and Oceanside ...San Diego: San Diego Directory Company, 1907,
(Nellie: Nate Harrison)
- Dana Burks’ San Diego City and County Directory 1908, Containing an Alphabetical List of Business Firms and Private Citizens of San Diego City and County, Coronado, Escondido, National City, and

Oceanside ...San Diego: San Diego Directory Company, 1908,
(Nellie: Nate Harrison)

- San Diego City and County Directory 1910, Containing an Alphabetical List of Business Firms and Private Citizens of San Diego City and County, Coronado, Escondido, National City, and Oceanside ...San Diego: San Diego Directory Company, 1910,
(Nellie: Nate Harrison, stockman)
- San Diego City and County Directory 1911, Containing an Alphabetical List of Business Firms and Private Citizens of San Diego City and County, Coronado, Escondido, National City, and Oceanside ...San Diego: San Diego Directory Company, 1911,
(Nellie: Nate Harrison, stockman)
- San Diego City and County Directory 1912, Containing an Alphabetical List of Business Firms and Private Citizens of San Diego City and County, Coronado, Escondido, National City, and Oceanside ...San Diego: San Diego Directory Company, 1912,
(Nellie: Nate Harrison, stockman)
- San Diego City and County Directory 1913, Containing an Alphabetical List of Business Firms and Private Citizens of San Diego City and County, Coronado, Escondido, National City, and Oceanside ...San Diego: San Diego Directory Company, 1913,
(Nellie: Nate Harrison, stockman)
- San Diego City and County Directory 1914, Containing an Alphabetical List of Business Firms and Private Citizens of San Diego City and County, Coronado, Escondido, National City, and Oceanside ...San Diego: San Diego Directory Company, 1914,
(Nellie: Nate Harrison, stockman)
- San Diego City and County Directory 1915, Containing an Alphabetical List of Business Firms and Private Citizens of San Diego City and County, Coronado, Escondido, National City, and Oceanside ...San Diego: San Diego Directory Company, 1915,
(Nellie: Nate Harrison, stockman)
- San Diego City and County Directory 1916, Containing an Alphabetical List of Business Firms and Private Citizens of San Diego City and County, Coronado, Escondido, National City, and Oceanside ...San Diego: San Diego Directory Company, 1916,
(Nellie: Nate Harrison, stockman)
- San Diego City and County Directory 1917, Containing an Alphabetical List of Business Firms and Private Citizens of San Diego City and County, Coronado, Escondido, National City, and Oceanside ...San Diego: San Diego Directory Company, 1917,
(Nellie: Nate Harrison, stockman)
- San Diego City and County Directory 1918, Containing an Alphabetical List of Business Firms and Private Citizens of San Diego City and County, Coronado, Escondido, National City, and Oceanside ...San Diego: San Diego Directory Company, 1918,
(Nellie: Nate Harrison, stockman)
- San Diego City and County Directory 1919, Containing an Alphabetical List of Business Firms and Private Citizens of San Diego City and County, Coronado, Escondido, National City, and Oceanside ...San Diego: San Diego Directory Company, 1919,
(Nellie: Nate Harrison, stockman)
- San Diego City and County Directory 1920, Containing an Alphabetical List of Business Firms and Private Citizens of San Diego City and County, Coronado, Escondido, National City, and Oceanside ...San Diego: San Diego Directory Company, 1920,
(SD County hospital: Nathan Harrison)

“Nellie” was Palomar Mountain’s other post office during the late 1800s and early 1900s. Wood explained that, “Nellie, established in April, 1883, was named after the postmaster, Nellie McQueen, much to her chagrin”

(Wood 1937). McQueen had recommended that the office be called “Fern Glen”—Davis (1938:27) insisted it was “Fir Glen”—but the Post Master General objected to the two-word name and instead assigned it the moniker “Nellie” (Beckler 1958:17). Locals loved the name and turned it into one of the most often-heard jokes of the day; whenever they were ready to visit the post office they would say, “It’s time to go see Nellie,” or “Let’s go call on Nellie” (Beckler 1958:32). Wood also noted:

The Nellie office was first located on the edge of Dyche Valley, west of the George Cook residence, and survived several changes in location. It was at Bailey’s for many years, then at the Roberts place, where, after much petitioning, the name was changed in October 1920, to Palomar Mountain.

Additional Historical Photographs

In the seven years since the last Nate Harrison Historical Archaeology Project technical report, researchers located many additional historical photographs of Nate Harrison.

Undated Robert Asher Photograph of Harrison and Dog at Spring

(Figure 6.18)

In this photograph, Nate sat atop the platform over his spring with one of his dogs at his immediate right. The pump and trough were also in clear view in this undated photograph taken by Robert Asher. This image appeared in Edward H. Davis’s article, “Palomar and the Stars,” which was published in Volume I of *Palomar Mountain Views* (Litchfield 1982: 17).



Figure 6.18. Undated Robert Asher photograph of Harrison and dog at spring.

Brueggeman Collection #1

(Figure 6.19)

Palomar Mountain historian Peter Brueggeman assembled a remarkably thorough website on the history of the region that includes updated manuscripts and photographs. When revising Marion Beckler's 1958 text *Palomar Mountain Past and Present*, he added a photograph from 1918 of Harrison posing with seven individuals riding up the grade on a stage.



Figure 6.19. A circa 1918 photograph of Nate Harrison visiting with tourists on a trip up Palomar Mountain on the Bailey stage.

Bailey Collection #1

(Figure 6.20)

Brad Bailey include this undated photograph of Nate Harrison in front of his cabin in his 2009 book, *Palomar Mountain* (Bailey 2009:47). It contained many of the staples of Harrison photos, like his pipe, hat, overalls, watch chain, and walking stick.



Figure 6.20. Undated photograph of Harrison on the patio to the immediate east of his cabin.

Beishline Collection #1

(Figure 6.21)

Barbara Anne Waite recently compiled memoirs of her grandmother Elsie Roberts, who was a frequent visitor and part-time resident of Palomar Mountain during the early 1900s (Waite 2015). In her discussions of Nate Harrison, Waite included an undated photo credited to Robert Asher that depicted Harrison and his dog at his spring.



Figure 6.21. Undated photograph of Nate Harrison sitting at the spring and trough that was at the entrance to this property.

Additional Historical Accounts

Project researchers and helpful community members also recently uncovered a variety of historical accounts that included references to Harrison. Many of these involved the creation of the memorial in his honor during the early 1920s.

June 15, 1912, *Oceanside Blade* Article, “Palomar Notes”

A brief article on Nate Harrison appeared in the June 15, 1912, *Oceanside Blade*. It stated:

The many friends of the aged negro Nate, who lives at the head of N---r Canyon, will be glad to hear that he is well and cheerful though he grows more and more feeble. A recent automobile accident has greatly cheered him and added to his fund of stories and Nate looks with contempt on autos, and thinks them the work of the evil one.

Two *Oceanside Blade* Articles from 1921

The *Oceanside Blade* contained two articles discussing the memorial that was going to be placed on Palomar Mountain's west grade in honor of Nate Harrison. The August 27, 1921, *Oceanside Blade* had an article entitled, "Memorial Fountain: To Be Erected on West Grade of Palomar Mountain," that stated:

Palomar Mountain, Aug. 24—Announcement was made today of the committee which will have charge of the raising of funds for a suitable memorial to "Uncle Nate" (Nathaniel Harrison), a resident and picturesque character of Palomar Mountain for more than 73 years and who died at the San Diego county hospital in 1920, heartbroken because the infirmities of age had made it necessary for him to be removed to the hospital where he could have proper care.

[The] charge is to secure the installation of the memorial in October of the present year, for which reason October 1 has been fixed as the time limit for the reception of contributions. It is expected that the memorial will take the form of a public drinking fountain, located by the side of the west grade of the mountain near the cabin which "Uncle Nate" occupied so many years. Donations of 25 cents up will be thankfully received and each donor will receive, with acknowledgement of receipt of same, a photograph of the man for whom the memorial is being secured. Remittances should be made to Theo. O. Bailey, 4751 Edgeware Road, San Diego. Mr. Bailey being the secretary and treasurer of the committee, whose membership is:

L. S. Salmons, J. P. Roberts, Irwin J. Wells, Palomar Mountain; Frank A. Salmons, Col. Ed Fletcher, Edwin Reed, T. O. Bailey, San Diego; John C. Dickson, Alex Stewart, J. H. Heath, Escondido; G. F. Westfall, Fallbrook; E. H. Davis, Mesa Grande; Dr. W. V. Nichols, Oceanside; Ben F. Thorpe, Bonsall; Felix Calec, Sylvester Gomez, Rincon Indian Reservation.

This article included numerous fascinating details. It alleged that the memorial design would be a drinking fountain in homage to the act of bringing water to visitors for which Harrison was most famous. The text also revealed that donors to the memorial cause received a photograph of Harrison as a gift for their generosity. Nate's photographic ubiquity received an additional boost even after his passing. In addition, the memorial fundraising committee included many of Harrison's closest friends (Bailey, the Salmons brothers, Davis, Calec), future biographical chroniclers (Davis, Heath), wealthy benefactors (Fletcher), and members from a variety of different communities.

Three weeks later, the *Oceanside Blade* ran a second article relating to the memorial. Entitled "Uncle Nate' Memorial," the September 17, 1921 article stated:

Palomar Mountain, Sept. 12—During the latter part of his life on the west grade of the mountain, according to Theodore O. Bailey of San Diego, secretary-treasurer of the "Uncle Nate" memorial committee, the old darkey was made happy not only by chats with the people as the wended [sic] their way up and down the grade, but because of the fact that they remembered him generously with the coin of the realm, with which he could buy food and clothing and some of the luxuries of life.

Now that he has been called hence many people are kindly disposed to honor his memory and are contributing liberally to the fund which is being raised for the erection of a monument near the little cabin on the mountain side.

"I know that we will get enough money to erect a monument that will be a credit to the county," says Mr. Bailey. "People are giving in a way that convinces me that they are finding a real pleasure in it."

The notices which Bailey is sending out are typical of the following:

"Under the auspices of the Palomar Good Roads association, a movement has been started for the erection of a memorial to the memory of "Uncle Nate" Harrison (colored), for seventy-three years a citizen and picturesque character of Palomar mountain, and who died recently in the San Diego county hospital, broken-hearted because for his own good his friends arranged for his removal there from his little cabin on the west grade of Palomar, where he lived alone.

"As a fitting memorial to the good old soul, it is planned to develop a spring of good water on the Harrison ranch near the cabin, piping the water from the spring to the side of the highway, where it will be disbursed gratis by means of a fountain or other device for the use of people passing up and down the grade.

“Uncle Nate’ having died intestate [without a will], Edwin Reed of San Diego, public administrator, in settling up the affairs of the estate, and acting wholly within his legal rights, endorsing heartily the movement for a memorial, has set aside \$10 toward the same, which alone assures the success of the enterprise. But the friends of “Uncle Nate” wish to improve the opportunity for contributing their bit toward the expense of the installation, and for this reason we are making an appeal for funds in such amounts as the friends of ‘auld lang syne’ feel disposed to contribute.

“We will appreciate your moral and financial support of the project.

“Enclosed please find circular letter containing other details.

“All money should be sent to T. O. Bailey, secretary-treasurer, ‘Uncle Nate’ memorial fund, 4571 Edgeware road, San Diego, Calif.

“Cordially yours,

“T. O. BAILEY,

“Sec-Treas. ‘Uncle Nate’ Memorial Fund.

“J. H. HEATH,

“Sec. Palomar Mountain Good Roads Association.”

Circa 1955, A. M. Davis, *The Memoirs of Abel M. Davis*

Valley Center native and local pioneer-family member Abel M. Davis wrote a detailed account of the region’s history that was seemingly published soon after his death in 1955. Neither the publisher nor date of publication was included in the text. Abel (1872-1955) was the son of James Davis, a civilian employee in General Kearny’s Army from 1846-52, an army soldier from 1852-57, and a Valley Center settler from 1865-94. *The Memoirs of Abel M. Davis* contained a short biographical section on Nate Harrison. It was reprinted here in its entirety.

Old “N----r Nate”

Mary Connaghan Newell of Escondido, tells the story of “N----r Nate” the Good Samaritan of Palomar. Old Nate used to say with a good humored grin, “Reckon ah’m the first white man on this here Mountain.” Endearing himself to thousands of visitors over a period of more than 70 years, he was literally ‘the man by the side of the road—watching the world go by,’ or rather watching them climb to the top of beautiful Palomar Mountain.

The lovable old darkie came from one of the southern States as a slave accompanying his master who was prospecting for gold in Merced about 1848. The master died and Nate drifted south until he reached the Palomar area and settled down to spend the rest of his life in an old cabin and being a ‘character’ to all who knew him. He had little worldly goods, but was rich in kindness, generosity and possessed a lively sense of humor.

Records show that as early as 1850 there were families who piled into their wagons and drove to Palomar for cooler weather and a vacation.

Nate operated what was probably the first ‘filling station’ along the route. When he heard a team laboring up the steep grade he would bring a cool bucket of water from his springs and wait by the side of the road. After horses and sightseers were refreshed, Nate would amuse them with his comical remarks and antics. He soon became a ‘must’ on the traveler’s list to watch for.

Along with his good Samaritan duties, Nate was always on the side of law and order. At one time the mountain was a refuge for outlaws. It was easy to hide out with stolen cattle in one of the secluded spots. These brands could be changed and the cattle taken north to Los Angeles or slipped quietly over the Mexican border.

Nate helped the sheriff catch more than one rogue and was on the other end of the rope when the scoundrel was strung up.

Nate witnessed the growth of North San Diego County from wild back country to prosperous cattle and fruit ranches. The area now boasts the largest Avocado growing section in the world. When automobiles replaced the horse-drawn carriages, Nate’s buckets of water were still welcomed to help the sputtering and coughing vehicles make the climb. He laughed with glee as he had his picture taken sitting on the running board of a Maxwell record-breaking speed demon.

Nate saw the first scientists mount to the top of the mountain in search of a place for a large telescope

in 1903. It was rejected then, and the telescope was placed on Mount Wilson. But in 1934 Palomar's isolation was a deciding factor for the home of the world's largest telescope. Too bad Nate missed seeing it hauled up the especially built "Highway To The Stars." But I imagine he did see it, sitting way up high on one of the brightest stars in the heavens.

Few have gained immortality in this world by simply being a 'friend to man.' Nathan Harrison is one of these. Besides the legend he created there are numerous landmarks which bear his name in the Palomar Mountain area. Friends took up a collection when he died to erect a memorial or native granite which stands at the site of his springs. On it is inscribed:

NATHAN HARRISON'S SPRINGS

Brought here a slave about 1848

Died Oct. 10, 1920

Aged 101

"A man's a Man

For A' That."

The Davis book also contained an adjacent photograph, claiming to be "N----r Nate." (Figure 6.22) This image was the only one in the entire assemblage of Harrison photos accumulated by this project that had a suspect attribution. Quite simply, there were multiple factors suggesting that it was not Nate Harrison. Overall, the 30 other pictures were remarkably consistent. They depicted Nate Harrison with a long white beard past his chin, standing at his mountain property in the 1900s and '10s, fully clad in multiple layers of well-worn clothing, accompanied by one or more of his favorite objects (wide-brimmed hat, pipe, watch, walking stick, dog), and looking directly at the camera with neither smile nor frown. In each case, Nate was one of the primary focal points of the image, usually as the center of the image. The pattern of characteristics—a photographic grammar—was so consistent that when an image strayed from the formula it stood out. The alleged picture of Nate Harrison associated with Abel Davis's account showed a man without a long white beard, without multiple layers of clothing (and barefoot as well), without a wide-brimmed hat, without a pipe, without a watch, and without a dog. Furthermore, the individual's face hardly resembled Harrison!

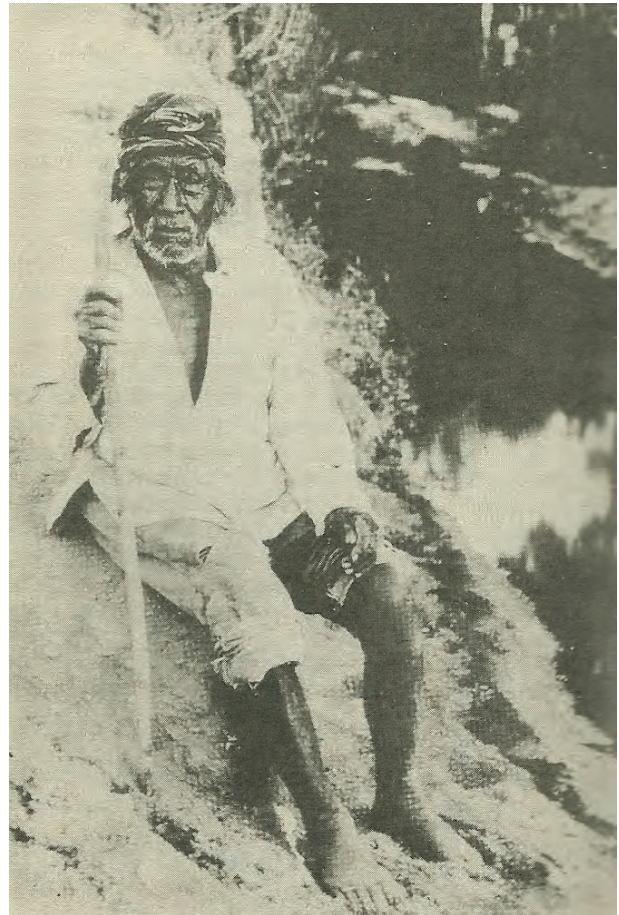


Figure 6.22. Despite the confident attribution by the author, it was highly unlikely that this image was Nate Harrison.

1966, Gordon Stuart, *San Diego Back Country* 1901

Gordon Stuart, born in 1886, wrote a book of his personal experiences from rural areas in San Diego County. Entitled *San Diego Back Country* 1901, the text only tangentially referred to Harrison as Stuart never personally encountered Harrison. Nonetheless, his passage was worth including in the Nate Harrison Historical archaeology Project inventory; it stated:

If only I had kept a diary in the early days. Today I can only write of the things I saw, and the stories I heard; but that is better than being a copy cat, and rewriting what other men have written. Some writers never write anything of their own; they are afraid to; it might not sell. I did not see Nate Harrison I dare not put down the name by which he was affectionately called. Nate said he was an escaped slave; but records showed that he had been freed by his owner in California. Nate claimed he was, "The first white man on the mountain." (see Marion Beckler's book [1958: Palomar Mountain Past and Present]) (Stuart 1966:171; italics original).

August 17, 1972 Letter to the Editor of the *Daily Times-Advocate*, No Page Number

Mrs. Stephen Thompson of Escondido wrote a letter to the editor, published in the *Daily Times-Advocate*, that complained about the change in the grade's official name from "N----r Nate Grade" to "Nate Harrison Grade." Her letter immediately followed the August 10th, 1972 *Daily Times-Advocate* article by Eloise Perkins, entitled, "North County Nuggets: Marker placed," which detailed the granite cairn at the entrance to Harrison's former homestead (August 10: B-6). Thompson's letter focused on the relatively new name of the grade, not the memorial itself. Thompson wrote:

N----r Nate

So this is how history gets changed. Someone decides a word doesn't sound good, so they change it.

Uncle Nate, indeed. Quit trying to foist a man born in the 1800s into 1972. He was known all around as N----r Nate. This is what he called himself. He wasn't shackled by this word "n----r."

Can't you see this man meeting a wagin or car and looking at white people, smiling and saying, "Hello I'm N----r Nate, the first white man on the mountain." He laughs, they laugh, then they all start talking and enjoying life and each other.

Why haven't you written about the auto races up N----r Nate Grade—and to the newcomers, Nate Harrison Grade—in Model T sealed in high gear? And the timer rode on in the car.

Mrs. Stephen Thompson

Escondido

Spring 1971: The *High Country* "Palomar: Its Past" Article by Barbara J. Jackson (No. 16, pp. 23-24)

High Country is a bi-annual magazine published by the Temecula Valley Museum. Started in 1967, it consists primarily of articles written by local Temecula authors. In the spring of 1971, Barbara J. Jackson published a two-page article on the history of Palomar Mountain. It included the following passage about Nate Harrison:

ONE OF THE most interesting and beloved characters of Palomar Mountain was a scruffy old ex-slave. He was known all over San Diego County as N----r Nate, or Uncle Nate. Today he's referred to by his full name, Nathan Harrison. One of the first roads to be built up the mountain was named for him, and for years it affectionately and officially carried the name of N----r Nate Grade. It's still known locally by that name, but officially has been renamed Nathan Harrison Grade. Today it's a favorite trail, bike and jeep road and gives the hardy adventurer a superb and unique view of the rich citrus groves in the valley below. Nate lived at the bend in the road. The site of his cabin is now marked by a four-foot rock monument dedicated to "the first white man on the mountain." This was the way Uncle Nate referred to himself. He was the first non-Indian to live there.

For years Uncle Nate was "seventy-six years old next New Years." Then one day some young rascals got him drunk and told him he was "one hundred and seven years old last Fourth of July," and that was his age until he died.

AT THE TOP of Nathan Harrison Grade is Doane Valley. Much of the valley is now occupied by the State Park campgrounds, but it was originally named for Mr. George Doane, the Romeo of the mountain. After a far-reaching but unsuccessful search for a "school-marm" bride, Doane advertised in a national publication and received a number of replies. He selected one, went to Louisiana and married her. Returning to his homestead at the top of the mountain with his new bride and her Negro maid, Doane stopped to introduce the women to Uncle Nate. Nate looked the women over carefully and turned to Mr. Doane. "So this here's your new wife," he drawled. Then in all innocence he blinked his watery old eyes, shifted a twig to the other side of his mouth, and asked, "Which one is the bride?"

PALOMAR MOUNTAIN has seen romance, but it also seen tragedy. Dyche Valley, located at the east end of the mountain on State Highway S6, was the scene of the murder of the original homesteader there, Long Joe Smith. Long Joe was well-liked, and for years Palomar was known as Smith Mountain in his

honor. The culprit who murdered him was an English seaman whom Smith had befriended.

It's said that when the murder became known on the mountain the neighbors promptly captured the fellow and arranged to meet the constable at nearby Warner's Ranch so "the varmint could be brought to justice." When the Constable came outside to take charge of his prisoner he saw the fellow dangling four feet off the ground. Turning to the nearest group of men, he asked:

"What happened?"

Finally one of the men, with his hat in his hands, answered, "Well, I guess we orta've kept a better eye on him. This ere fellow must've felt right sorry about murderin' poor old Long Joe, and he got hold of a rope and hung his-self." It saved the county the cost of a trial.

Excerpt from Barbara Anne Waite's (2015) Book, *Elsie's Mountain* (pp. 38-41)

Barbara Anne Waite wrote a book that included and summarized the personal letters and diary entries of her grandmother, Elsie Reed (néé Hayes) Roberts. Although written in 2015 and rife with updated language and sentiments, the text drew extensively on primary first-hand accounts from the early 1900s. Elsie, a Virginia native, was the daughter of Alonzo and Mary Hayes. The Hayes family moved from Virginia to Long Beach, California in 1897, from Long Beach to Claremont in 1907, and onto Palomar Mountain in the 1910s. Alonzo purchased the property containing John Mack's apple orchard that was just up the road from Nate Harrison's homestead. Elsie and her parents first visited Palomar Mountain in 1904 and were regular visitors from 1904-12. Elsie Hayes often proclaimed her love for Palomar Mountain, specifying that this particular place was her favorite. The Hayes family interacted frequently with some of the most well-known pioneers in the area, including the Baileys, Mendenhalls, and Nate Harrison. Robert Asher wrote that, "The coming of the Hayes family made quite a change in the social life of West-end Palomar. A.G. Hayes and his wife were very charming people, to say nothing of the vivacious and no less charming daughters, three" (Asher circa 1932-50). Elsie's daughter Catherine (néé Roberts) Beishline collected and preserved numerous pictures of Palomar Mountain in the early 20th century, including many of Nate Harrison. Waite's book contained an extended passage that described the first trip Elsie and her parents took to Palomar Mountain. It stated (in Elsie's voice):

Tales of Smith Mountain (later renamed Palomar Mountain) were irresistible. We chose a 120-mile horse-and-wagon journey along the Pacific coast and then inland across the coastal hills to the San Diego Mountains. Southern California maps for 1904 revealed long stretches with nothing but isolated ranches scattered between small communities.

That trip was the first of many our family would make. It wasn't always easy, of course. Bumping along in the summer sun, we had no defense against the heat. The dust of the stony, rutted roads turned to mud in winter rains. The load was always heavy with groceries, clothes, and bedding, besides five passengers. We passengers were apt to walk up hills and through sandy stretches. Near Temecula, there was a long, especially hard pull through heavy sand that we always dreaded. We were roughing it indeed, but there was adventure and charm in those leisurely jaunts. I shall never forget the meadowlarks singing from the fence posts along the way. At night, our family slept underneath the wagon.

Before the trip, Papa gave us a warning. "It's going to be a hard pull for the horses. They'll be pulling their feed, our groceries and bedding, and us. Each of you may take only one apple box for clothes, books, and anything else."

Each of us carefully filled one box. The wagon was packed; the two horses harnessed; they were stomping and switching their tails. Papa, Hyllinda and I climber up to our seats, while Mama stood by the door with key in hand.

"Alice," she called. "Hurry! We're ready to go." Finally, Alice staggered out of the door, her arms so full of paper dolls, doll clothes, books, and other extras that she could scarcely see over them.

"But your box is already full!" Papa protested.

"Of, I'm going to hold these in my lap," Alice assured him, not realizing that weight was even more of a problem than space.

Soon after sunrise during that first trip up the mountain, I woke to feel my bed moving under me. "It's time for the horses' breakfast," Papa said. He smiled at my bewilderment. He was gently pulling out the

hay spread on the ground under a quilt where we were lying. This became a regular happening on our trips from Long Beach to Smith Mountain.

Our drives would take us through countryside scattered with ranches and occasionally little villages. In the afternoon Papa would watch for a ranch where hospitality (or rental) extended to the use of water. He would buy hay for the horses. Hay was as vital as the modern motorist's stops for gas. We traveled in an open wagon drawn by a team of two horses. The country was so uninhabited in those days that you could camp most anywhere along the road. Nobody ever bothered you.

We would build a fire, unpack groceries for supper, and spread hay left for the team's breakfast as mattresses for our beds. Still trying to save weight, Papa would bring only enough feed for the night and the next morning by tying feedbags full of grain about the horses' noses. Papa grew to love camping so much we used to laugh about it and say he had gypsy blood.

Sometimes our last camp would be in a dry riverbed at the foot of the grade. The horses had been watered for the night at the nearby Pauma creek. In the morning, we needed only to dig a small hole in the dry sand beside the wagon, and water would rise in it. Then there was the six-hour climb up the old west grade, disrespectfully referred to as "N---r Grade" for Uncle Nate.

In those days, the ascent up the long fifteen-mile west grade, going from 1000 feet in elevation to 5200 feet in fewer than ten miles, was by a two-horse wagon road. In some places, it became a fifteen percent rise—winding, narrow, and steep. Only at certain spots could wagons pass, so travelers soon learned to keep a careful watch for the possibility of another vehicle approaching from the opposite direction. The snake-like path of the road made that glimpse possible here and there. We climbed on endlessly, longing for release from the sun on those barren slopes. For weary miles it wound in and out and around, and always up over hills largely brown and dry except in spring.

We came to a curve where there was a spring and watering trough under the trees, and a black man waving a friendly greeting. Nate Harrison, a freed slave who homesteaded a ranch on the wagon grade, served early travelers by providing water for the weary visitors and their horses. All of us enjoyed the memorable "Uncle Nate" and the refreshment from his spring in the shade of the lovely oak trees. Uncle Nate would eventually become our friend and neighbor. The grade now bears his name.

Beyond Nate's cabin, we saw the forest. Oaks, evergreens, and giant ferns—it was heavenly and I fell in love with it at first sight. Though only sixteen years old, I knew it would be a love that would last me the rest of my life. Palomar Mountain became the object of my adoration. I often spoke of "the mountain" as some might say "my husband." There was no need for further clarification. The mountain looked so much like our beloved home in Virginia we were all enchanted. We had hungered for hills and trees, and our whole family fell in love with Palomar."

Other Related Materials

The San Diego Public Library's California Room has a poem written by Lucien M. Lewis of Encinitas circa 1930 or '40 about Nate Harrison; it is entitled "N---r Grade By Night." Though poetry is not traditionally seen as a historical resource, this work offers a narrative of Harrison's life and times similar to other stories collected by the Nate Harrison Historical Archaeology Project. The poem is reprinted here in its entirety.

"N---r Grade By Night"

*Doubtless you will call it silly
Sentimental, willy-nilly
When I tell you what I saw on Palomar.
Last night, climbing "N---r" mountain
To where stars leaped like a fountain.
I saw "N---r Nate" where now those ruins are.*

*With his battered hat uplifted,
Flashing his old smile so gifted*

*He bowed solemnly, then said in undertone,
“What be them white-folks doin’?
What kin they all be a-viewin
A-peepin that thing so like a cone?”*

*“Kin dey look straight into Heben,
Seben times en mebbe ‘leben?
Kin dey see God an’ his Angels robed in white?”
Tell Him, mister, should you find Him,
With His Angels band behind Him,
Dat Ol’ Nate is still a-waitin in de night
For de Lawd in shinin’ glory—
Massa used to read de story—
When he sot Aroun’ de stove by candle-light.
When I saw that great dome gleaming
I knew that I had been dreaming,
Yet when I looked back through moonlight silvery glow,
I could still see Old Nate Grinning,
Flashing his old smile so winning
As he did in those days of long ago.*

The Valley Center History Museum is a treasure-trove of Old West paraphernalia. One of the many fascinating items it has in its collection that has a direct tie to Nate Harrison is a watercolor painting created by artist Marjorie Reed. Reed (1915-1996) created over 100 paintings of the Old West; her most famous work depicted scenes along the Butterfield Overland Stage Route. She took great pride in the realism in her work, often camping out near the places she was painting. Long after Harrison’s death, Reed created a painting of Harrison that is currently on display at the museum and reproduced here. It shows Harrison feeding horses out of a bucket in front of his cabin (Figure 6.23).



Figure 6.23. Undated Marjorie Reed painting of Nate Harrison at his cabin.

New Modern Accounts

There were also a few additional modern testimonials regarding Harrison that were communicated to members of the Nate Harrison Historical Archaeology Project. For example, Blue Sheppard, who operates the Stewart Mine near Palomar Mountain and is a regional historian, was interviewed about Harrison on June 12, 2008. He stated that, "Nate was a teacher, a singer, and a trumpet player." In addition, Herbert P. Douglass, the son of Leo Douglass, related in an undated a hand-written note that his father and Nate Harrison were hunting partners.

Comprehensive Probate Documentation

When Nate Harrison died on October 10, 1920, he passed away with a will, known in legal terms as "intestate." As a result, there were numerous legal documents related to handling Harrison's final affairs. The Nate Harrison Historical Archaeology Project tracked down the official legal file for Case #9268: "In the Matter of the ESTATE of Nathan Harrison, Deceased (PLAINTIFF) vs. the Office of Clerk of the Superior Court of the State of California in and for the County of San Diego (DEFENDANT)." This file (#9268) contained 45 pages and detailed many of the legal nuances required to handle Harrison's estate in the two years between his passing and the final "decree settling account." Edwin Reed, Public Administrator of San Diego County, was the petitioner in this case; he was represented by attorneys "Hamilton & Lindley." Nathan Harrison legal aliases included "Nate Harrison, Nathan Harris, and Nate Harris."

Overall, the immense volume of paperwork tracked a straightforward estate sale in which Harrison had no will, had his estate administered by the county, sold his 45.55-acre Palomar Mountain property to Frank Salmons for \$607.50, and ended up with a net gain (once expenses were taken out of the sale price) of \$145.78. Nonetheless, there were a few surprises in this paperwork. First, in the final account spreadsheet it was revealed that Nate Harrison had \$69.44 in cash at the outset. This had never before been described in any narrative, meaning that no details remain as to whether he brought this money with him to the hospital in 1919, had it delivered by a friend some time in 1920, sold personal belongings to acquire the cash, etc. Second, of the \$145.78 that remained in the Nate Harrison estate after the sale, \$100 was given to Theodore Bailey's "Uncle Nate" Memorial Committee to purchase a permanent marker for Harrison at the entrance to his former homestead. No mention was made of the fate of the remaining \$45.78. The full dossier is located in Appendix A. The section presented here summarized each of the pages.

Page 1: Folder cover

Page 2: Cover sheet for Petition for Letters of Administration (Stamped as filed on December 20, 1920)

Page 3: Petition for Letters of Administration (December 20, 1920)

Details included that: 1) Harrison died October 10, 1930 [typographical error for 1920], 2) Harrison was a resident of San Diego County, 3) Harrison left an estate in San Diego County, 4) his estate consisted of real property valued at \$200, 5) his heirs were unknown to the petitioner, 6) the estate's assets had not yet been transferred to the petitioner in order to pay the filing fee, and 7) because of this, a hearing was held to issue Letters of Administration to the petitioner to acquire possession of Harrison's assets.

Page 4: Appointment by Clerk Setting Time for Hearing Petition for Letters of Administration, Notice and Affidavit of Posting Notice (December 21, 1920)

Details included that: 1) December 31, 1920 at 10:00AM was set as the court date for hearing the petition of Edwin Reed for Letters of Administration for the Nathan Harrison estate.

Page 5: Cover sheet for Appointment by Clerk Setting Time for Hearing Petition for Letters of Administration, Notice and Affidavit of Posting Notice (Stamped as filed on December 21, 1920)

Page 6: Order Appointing Edwin Reed Administrator (January 7, 1921)

Details included that: 1) the appropriate petition was filed, 2) the appropriate hearing was held, 3) the petitioner was competent, 4) no one appeared to contest the petition, 5) Nate Harrison died intestate

on October 10, 1920, 6) he left an estate in San Diego County, 7) he was a resident of San Diego County, 8) his estate was not worth over \$10,000, and 9) Edwin Reed was appointed Administrator of the estate of Nate Harrison.

Page 7: Cover sheet for Order Appointing Administrator (Stamped as filed on January 7, 1921)

Details included that: 1) this order entered probate on January 10, 1921.

Page 8: Order Appointing Appraiser and Designating and Appointing Inheritance Tax Appraiser to Ascertain Inheritance Tax, etc. (January 7, 1921)

Details included that: 1) the Superior Court judge ordered that Thomas O'Hallaran be appointed appraiser of the Nate Harrison estate, and 2) O'Hallaran was charged with ascertaining and reporting to the court the amount of inheritance tax due.

Page 9: Cover sheet for Order Appointing Administrator (Stamped as filed on January 7, 1921)

Details included that: 1) this order entered probate on January 10, 1921.

Page 10: Letters of Administration (January 7, 1921)

Details included that: 1) Edwin Reed was appointed Administrator of the estate of Nathan Harrison.

Page 11: Cover sheet for Letters of Administration of Edwin Reed as Public Administrator (Stamped as filed on January 7, 1921)

Details included that: 1) the Letters of Administration entered probate on January 12, 1921.

Page 12: Copy of Notice to Creditors and Statement of Publication thereof (January 18, 1921)

Details included that: 1) Edwin Reed published in *The Daily Transcript* a notice to creditors on January 8, 1921, and 2) *The Daily Transcript* was a newspaper of general circulation and published daily (except Sunday) in the city of San Diego.

Page 13: Cover sheet for Copy of Notice to Creditors and Statement of Publication Thereof (Stamped as filed on January 18, 1921)

Page 14: Decree Establishing Notice to Creditors (February 9, 1921)

Details included that: 1) legal notice to creditors was given, and 2) this decree was entered into the minutes of the court.

Page 15: Cover sheet for Decree Establishing Notice to Creditors (Stamped as filed on February 9, 1921)

Details included that: 1) this decree entered probate on February 10, 1921.

Page 16: Affidavit of Publication (February 5, 1921)

Details included that: 1) Frank Grandier was principal clerk of the printers and publishers of *The Daily Transcript*, 2) *The Daily Transcript* was a newspaper of general circulation and published daily (except Sunday) in the city of San Diego, 3) Grandier had charge of all of the advertisements published in *The Daily Transcript*, 4) the Notice to Creditors regarding Nate Harrison's estate was published in *The Daily Transcript* 25 consecutive times in four consecutive weeks from January 8-February 5, 1921 (not including Sundays), and 5) the publication was in the newspaper proper and not in a supplement.

Page 17: Cover sheet for Affidavit of Publication (Stamped as filed on February 9, 1921)

Page 18: Creditor's Claim against the estate of Nathan Harrison by San Diego County Hospital (December 10, 1920)

Details included that: 1) The San Diego County Hospital cared for Nate Harrison from September 12, 1919 through October 10, 1920, 2) the stay was 385 days, 3) the charge was \$1/day, 4) the total claim was \$385.

Page 19: Cover sheet for Creditor's Claim against the estate of Nathan Harrison by San Diego County Hospital for \$385.00 (Stamped as filed on February 19, 1921)

Page 20: Inventory and Appraisement for Estate of Nathan Harrison (April 18, 1921) and Oath of Appraiser (May 25, 1921)

Details included that: 1) Thomas O'Hallaran was appointed appraiser of the estate.

Page 21: Oath of Executor or Administrator (April 18, 1921) and Certification of Correct and Just Appraisal (May 25, 1921)

Details included that: 1) Edwin Reed was administrator of the estate of Nathan Harrison, 2) Thomas O'Hallaran was to be compensated \$5.00 by the Estate of Nathan Harrison for appraisal services, and 3) there was an additional notary fee of \$1.00.

Pages 22 and 23: Inventory and Appraisement (May 25, 1921)

Details included that: 1) O'Hallaran appraised the 45.55 acre Nathan Harrison property (Lots 1 and 3 of Section 1 in Township 10 South of Range 1 West of San Bernardino Meridian in California) at \$675.

Page 24: Cover sheet for Inventory and Appraisement (Stamped as filed on June 1, 1921)

Pages 25, 26, 27, and 28: Return of Sale of Real Property (June 18, 1921)

Details included that: 1) Harrison died October 10, 1920, 2) Harrison was a resident of San Diego County, 3) Harrison left an estate in San Diego County, 4) Edwin Reed was named Administrator of the Estate on January 7, 1921, 5) there was not sufficient cash on hand in the estate to pay the costs and expenses of administration, 6) notices of sale were posted in three of the most public places in San Diego, 7) on June 10, 1921 Frank Salmons made an offer of \$607.50 for the Harrison property, 8) on June 17, 1921, the administrator accepted the Salmons offer, 9) said sale was legally made and fairly conducted, and 10) the sale was for the 45.55 acre Nathan Harrison property (Lots 1 and 3 of Section 1 in Township 10 South of Range 1 West of San Bernardino Meridian in California).

Page 29: Affidavit of Posting Notice of Sale of Real Property (June 18, 1921)

Details included that: 1) R. L. Johnson posted a true copy of the annexed notice of sale for the Harrison property in three places—one at the Front Street entrance of the Justice's Court of San Diego Township, one at the G Street entrance of San Diego City Hall, and one at the center south front door of the San Diego Court House, and 2) these three places were the most public places in the city and county of San Diego.

Page 30: Notice of Sale of Real Property (May 31, 1921)

Details included that: 1) the administrator of the Estate of Nathan Harrison would sell the estate at private sale on or after June 16, 1921, and 2) bids would be received at Room 420 Union Building, San Diego, California.

Page 31: Affidavit of Publication (June 15, 1921)

Details included that: 1) Frank Grandier was principal clerk of the printers and publishers of *The Daily Transcript*, 2) *The Daily Transcript* was a newspaper of general circulation and published daily (except Sunday) in the city of San Diego, 3) Grandier had charge of all of the advertisements published in *The Daily Transcript*, 4) the notice of sale of real property regarding Nate Harrison's estate was published in *The Daily Transcript* 14 consecutive times in 16 consecutive weeks from May 31-June 15, 1921 (not including Sundays), and 5) the publication was in the newspaper proper and not in a supplement.

Page 32: Blank cover sheet for the Affidavit of Publication

Page 33: Cover sheet for Return of Sale of Real Property (Filed on June 20, 1921)

Page 34: Notice of Hearing Return of Sale of Real Estate (June 21, 1921)

Details included that: 1) Administrator Edwin Reed filed in Superior Court a return and account of sale of real estate for the Harrison property, and 2) there would be a hearing for the Return of Sale of Real State on July 1, 1921 at 10:00AM.

Page 35: Affidavit of Posting (June 21, 1921) and Cover sheet for Notice of Hearing Return of Sale of Real Estate (Filed June 21, 1921)

Page 36: Order Confirming Sale of Real Estate and Order Directing Conveyance (July 1, 1921)

Details included that: 1) the said hearing was given as required by law, 2) no persons appearing in Court raised the bid 10% or at all, 3) the sale to Frank Salmons for \$607.50 was confirmed, and 4) a proper conveyance would be executed and delivered upon receipt of the purchase price.

Page 37: Cover sheet for Order Confirming Sale of Real Estate and Order Directing Conveyance (Filed on July 5, 1921)

Pages 38, 39, and 40: First and Final Account Report and Petition for Marker (August 23, 1921)

Details included that: 1) the administrator was chargeable with \$69.44 in cash and \$675.00 in real property (the appraised value of the Nate Harrison estate for a total of \$744.44, 2) the administrator was credited with \$146.16 in fees and taxes, \$385.00 in claims from the San Diego County Hospital, and a \$67.50 loss on the sale of the property below appraised value for a total of \$598.66, 3) the final balance was \$145.78 in cash, 4) the petitioner was informed that there were no near heirs at law or next of kin (and thus, no estate tax), 5) Harrison's friends and old-time neighbors were desirous that a marker be placed to his memory on Palomar Mountain, 6) if the petitioner donated \$100 of Harrison's final balance his friends would fund the remaining costs of the memorial, 7) the petitioner believed that it would be best to commemorate the deceased in this manner, and 8) the petitioner authorized \$100 for the marker.

Page 41: Cover sheet for the First and Final Account Report and Petition for Marker (Filed on August 29, 1921)

Page 42: Notice of Hearing Settlement of Final Account (September 6, 1921)

Detailed included that: 1) September 16, 1921 at 10:00AM was set as the court date for hearing the settlement of the final account in the matter of the estate of Nathan Harrison.

Page 43: Affidavit of Posting (September 6, 1921) and Cover sheet for Notice of Hearing of Final Account (Filed September 6, 1921)

Page 44: Decree Settling Account (September 23, 1921)

Detailed that: 1) Final account and report was filed on September 18, 1921, 2) September 23, 1921 was appointed for the settlement and hearing, 3) no person appeared to except or contest the petition, 4) after hearing the evidence, the court finds the final account correct, 5) the final balance was \$145.78 in cash, 6) \$100.00 of that \$145.78 would be applied to a marker in honor of Harrison on Palomar Mountain

Page 45: Cover sheet for the Decree Settling Account (Filed on September 23, 1921)

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

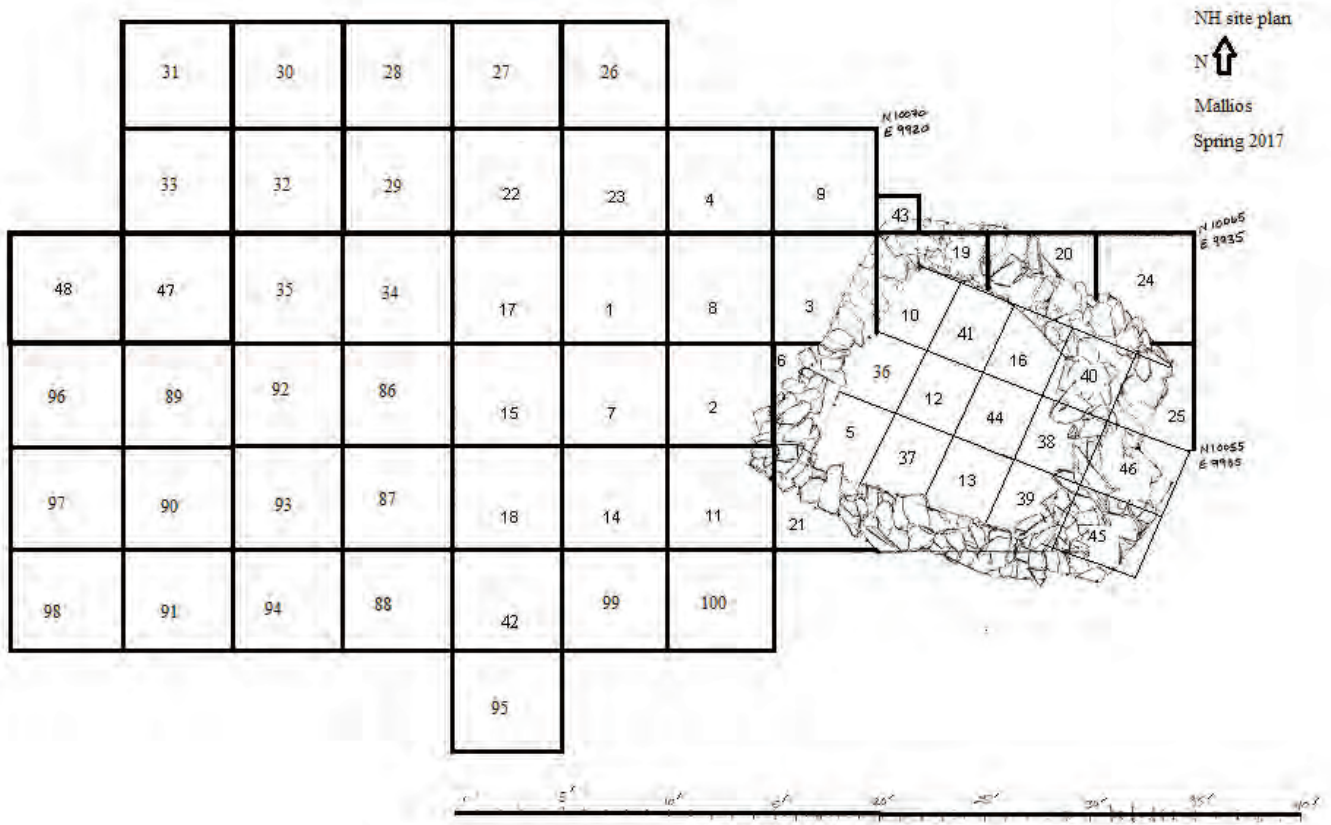


Figure 6.24a. Site sketch map.



Figure 6.24b. Geographic Resources Analysis Support System (GRASS) rectified image from Unmanned Aerial Vehicle (UAV) photograph.

6.4 2017 Excavation Results

Students participating in the Spring 2017 SDSU archaeological field schools excavated multiple extant units in the patio area of the main cabin and started a variety of new ones as well. The Excavation Register lists the preliminary details of each unit (Figure 6.25). The site sketch map and an associated aerial photograph shows the spatial relationship between the cabin remains and each of the excavation units (Figure 6.24a and Figure 6.24b).

ER# (no letters)	NE corner Coordinates	General Description	Date assigned (MM/DD/YYYY)	Initials
1	N10,065 E9,910	5' x 5' unit	06/09/2004	SM
2	N10,060 E9,915	5' x 5' unit	06/11/2004	SM
3	N10,065 E9,920	5' x 5' unit	06/11/2004	SM
4	N10,070 E9,915	5' x 5' unit	06/14/2004	SM
5	N10,059.265 E9,923.310	3' x 3½' unit	06/15/2004	SM
6	N10,064.060 E9,921.075	5' x 5' unit; cut by str. 1	06/15/2004	JM
7	N10,060 E9,910	5' x 5' unit	06/16/2004	SS
8	N10,065 E9,915	5' x 5' unit	06/16/2004	SS
9	N10,070 E9,920	5' x 5' unit	06/16/2004	SS
10	N10,065.020 E9,926.940	3' x 3½' unit	06/16/2004	SS
11	N10,055 E9,915	5' x 5' unit	06/16/2004	ML
12	N10,060.660 E9,927.920	3' x 3½' unit	06/16/2004	JM
13	N10,056.320 E9,929.000	3' x 3½' unit	06/16/2004	SM
14	N10,055 E9,910	5' x 5' unit	06/17/2004	MW
15	N10,060 E9,905	5' x 5' unit	06/21/2004	HS
16	N10,061.725 E9,932.300	3' x 3½' unit	06/21/2004	SS
17	N10,065 E9,905	5' x 5' unit	06/22/2004	SS
18	N10,055 E9,905	5' x 5' unit	06/22/2004	SS
19	N10,065 E9,925	5' x 5' unit; cut by str. 1	06/23/2004	MW
20	N10,065 E9,930	5' x 5' unit; cut by str. 1	06/23/2004	JM
21	N10,055 E9,920	5' x 5' unit; cut by str. 1	06/23/2004	SS
22	N10,070 E9,905	5' x 5' unit	06/23/2004	SS
23	N10,070 E9,910	5' x 5' unit	06/23/2004	SS
24	N10,065 E9,935	5' x 5' unit	06/23/2004	SS
25	N10,060 E9,935	5' x 5' unit; cut by str. 1	06/24/2004	JM
26	N10,075 E9,910	5' x 5' unit	06/23/2005	MN
27	N10,075 E9,905	5' x 5' unit	06/23/2005	SS
28	N10,075 E9,900	5' x 5' unit	06/23/2005	SS
29	N10,070 E9,900	5' x 5' unit	06/23/2005	SS
30	N10,075 E9,895	5' x 5' unit	06/23/2005	SS
31	N10,075 E9,890	5' x 5' unit	06/28/2005	SS
32	N10,070 E9,895	5' x 5' unit	06/28/2005	SS
33	N10,070 E9,890	5' x 5' unit	06/28/2005	SS
34	N10,065 E9,900	5' x 5' unit	06/28/2005	SS
35	N10,065 E9,895	5' x 5' unit	06/28/2005	SS
36	N10,061.543 E9,924.153	3' x 3½' unit	07/13/2005	SS
37	N10,076.050 E9,938.915	3' x 3½' unit	06/01/2006	HS

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

ER# (no letters)	NE corner Coordinates	General Description	Date assigned (MM/DD/YYYY)	Initials
38	N10,068.790 E9,943.430	3' x 3½' unit	06/05/2006	SM
39	N10,070.435 E9,947.020	3' x 3½' unit	06/07/2006	SM
40	N10,060.445 E9,940.445	3' x 3½' unit	06/07/2006	SM
41	N10,072.495 E9,936.860	3' x 3½' unit	06/08/2006	SM
42	N10,050 E9,905	5' x 5' unit	06/12/2006	JL
43	N10,067 E9,922	2' x 2' unit	06/14/2006	JL
44	N10,058.410 E9928.590	3' x 3½' unit	05/30/2007	SM
45	N10,054.340 E9,936.240	3' x 3½' unit	05/30/2007	SM
46	N10,057.325 E9,937.385	3' x 3½' unit	05/30/2007	SM
47	N10,065 E9,980	5' x 5' unit	06/07/2007	JL
48	N10,065 E9,885	5' x 5' unit	06/12/2007	SM
49	UNASSIGNED			
50	UNASSIGNED			
51	N10,010 E10,000	2.5' x 2.5' unit	05/21/2008	SM
52	N10,030 E10,000	2.5' x 2.5' unit	05/27/2008	SM
53	N10,050 E9,920	2.5' x 2.5' unit	05/28/2008	SM
54	N10,030 E9,920	2.5' x 2.5' unit	05/28/2008	SM
55	N10,010 E9,920	2.5' x 2.5' unit	05/28/2008	SM
56	N9,990 E9,920	2.5' x 2.5' unit	05/28/2008	SM
57	N10,040 E9,900	2.5' x 2.5' unit	05/28/2008	SM
58	N10,020 E9,900	2.5' x 2.5' unit	05/28/2008	SM
59	N10,000 E9,900	2.5' x 2.5' unit	05/28/2008	SM
60	N9,980 E9,900	2.5' x 2.5' unit	05/28/2008	SM
61	N10,050 E9,880	2.5' x 2.5' unit	05/28/2008	SM
62	N10,030 E9,880	2.5' x 2.5' unit	05/29/2008	JL
63	N10,010 E9,880	2.5' x 2.5' unit	05/29/2008	JL
64	N9,900 E9,880	2.5' x 2.5' unit	05/29/2008	JL
65	N9,970 E9,880	2.5' x 2.5' unit	05/29/2008	JL
66	N10,070 E9,880	2.5' x 2.5' unit	05/29/2008	JL
67	N10,060 E9,860	2.5' x 2.5' unit	06/03/2008	HS
68	N10,040 E9,860	2.5' x 2.5' unit	06/03/2008	HS
69	N10,020 E9,860	2.5' x 2.5' unit	06/03/2008	HS
70	N10,000 E9,860	2.5' x 2.5' unit	06/03/2008	HS
71	N9,980 E9,860	2.5' x 2.5' unit	06/03/2008	HS
72	N9,960 E9,860	2.5' x 2.5' unit	06/03/2008	HS
73	N10,080 E9,860	2.5' x 2.5' unit	06/03/2008	SM
74	N9,750.273 E9,952.290	5' x 5' unit adj. to str. 2	06/03/2008	SM
75	N9,760.209 E9,952.978	5' x 5' unit adj. to str. 2	06/03/2008	SM
76	N9,755.842 E9,947.714	5' x 5' unit adj. to str. 2	06/03/2008	SM
77	N9,745.503 E9,951.923	5' x 5' unit adj. to str. 2	06/03/2008	SM
78	N9,755.218 E9,957.636	5' x 5' unit adj. to str. 2	06/03/2008	SM
79	N9,763.260 E9,946.109	5' x 5' unit adj. to str. 2	06/05/2008	JL
80	N9,753.426 E9,945.182	5' x 5' unit adj. to str. 2	06/05/2008	JL
81	N9,753.002 E9,950.125	5' x 5' unit adj. to str. 2	06/05/2008	JL

ER# (no letters)	NE corner Coordinates	General Description	Date assigned (MM/DD/YYYY)	Initials
82	N9,762.940 E9,951.024	5' x 5' unit adj. to str. 2	06/05/2008	HS
83	N9,757.573 E9,955.548	5' x 5' unit adj. to str. 2	06/05/2008	JL
84	N9,758.312 E9,945.609	5' x 5' unit adj. to str. 2	06/05/2008	SM
85	N9,754.315 E9,951.258	Amorph. feat. west of str. 2	06/11/2008	SM
86	N10,060 E9,900	5' x 5' unit	02/04/2017	JL
87	N10,055 E9,900	5' x 5' unit	02/04/2017	JL
88	N10,050 E9,900	5' x 5' unit	02/04/2017	JL
89	N10,060 E9,890	5' x 5' unit	03/11/2017	JL
90	N10,055 E9,890	5' x 5' unit	03/11/2017	JL
91	N10,050 E9,890	5' x 5' unit	03/11/2017	JL
92	N10,060 E9,895	5' x 5' unit	03/27/2017	SM
93	N10,055 E9,895	5' x 5' unit	03/27/2017	SM
94	N10,050 E9,895	5' x 5' unit	03/27/2017	SM
95	N10,045 E9,905	5' x 5' unit	03/27/2017	SM
96	N10,060 E9,885	5' x 5' unit	03/27/2017	SM
97	N10,055 E9,885	5' x 5' unit	03/27/2017	SM
98	N10,050 E9,885	5' x 5' unit	03/27/2017	SM
99	N10,050 E9,910	5' x 5' unit	03/27/2017	SM
100	N10,050 E9,915	5' x 5' unit	03/27/2017	SM

Figure 6.25. The Excavation Register for the Nate Harrison Historical Archaeology Project.

Excavation Summary

The 2017 spring field schools excavated many 5' by 5' units in the southeast, northeast, northwest, and southwest quadrants of the main cabin's patio-area. Some of these units had been started in earlier seasons. In addition, many adjacent patio-area units were aggressively trowel-cleaned in an effort to remove debris from the nine-year hiatus in excavation. The heavy rains at the site during the winter of 2016-17 saturated the site and exposed many artifacts across the site, especially in the patio area just to the west of the cabin (Figure 6.26). Every unit excavated during the 2017 spring season, even those that had been previous dug in past seasons, was started with an "A" context in order to prevent potential temporal contaminants that might skew the site's chronology. In each case, students excavated the top 0.3' of fill in the unit as an "A" layer. Some of the more spectacular finds from the spring—the 1911 one-cent coin, the Pluto bottle base, and the 1901 nickel (all of which are detailed in the "Selected Artifacts" section of this report)—came from these clean-up layers.

In general, students dug the units in 0.3' layers of uniform depth but followed the existing contours of the sharply sloping hillside and any natural stratigraphy. Some units remained in progress through the end of the spring 2017 field season; others were finished completely. For those, students excavated layer by layer until reaching subsoil, a uniform gritty tan matrix with few delaminated rocks, no inclusions, and no artifacts. Completed units also received finishing photographs (plan and profile) and maps (profile and plan, when warranted) (Figure 6.27).

Continuing work in the patio area supported the conclusions of the previous field seasons. This area of the site has remarkably uniform stratigraphy. Furthermore, multiple cross-mends temporally unite nearly every excavated context in the patio. Since every unit in the area was riddled with rodent holes, the line between undisturbed subsoil and cultural fill was somewhat blurred. The patio-area units showed that both the fill and subsoil slant downward to the southwest. Furthermore, rocks were uniform throughout the area.

In the spring of 2017, field school participants moved over 800 cubic feet of dirt (Figure 6.28). The crew finished a variety of relatively artifact-poor units in the north and west patio areas, as well as denser artifact loci in



Figure 6.26. Heavy rains before and during the Spring 2017 field season made for difficult clean-up and a slick site but also helped excavators uncover some of the more spectacular finds.



Figure 6.27. James Turner (left) and Elyse Bradley (right) completed a profile map for the east wall of NH 14. Note the southward slope of the terrain, the thick rock layers, and the uniform brown fill.

the south and southwest areas. All of the patio units were west of the cabin. In addition, the crew finished two units inside of the cabin. These were the two remaining sections of the cabin interior, along the east wall and hearth of the dwelling. There were many insights from the crew's hard work. First, the primary patio-area deposit continued to the southwest, whereas it petered out to the north and west. Second, the units in the southwest patio area were as deep as other areas, suggesting the flat trail area to the south of the cabin was not the natural or prehistoric topography, but a later plateau of fill. Third, artifacts clustered toward the top 1.2' of fill (layers A-D) but were still present, albeit in significantly lesser frequencies, in the next 1.2' (layers E-H, and in some cases J, K, etc.). Fourth, new units at the southwestern edge of the excavation area were just as artifact-rich as any at the site, indicating that the boundaries of the site had not yet been reached.



Figure 6.28. The Spring 2017 field crew moved more dirt at the Nate Harrison site than any of the previous field schools; of course, the program enrolled twice as many students as in the 2004-08 excavation seasons.

Previously Excavated Patio Units

NH2

(Figure 6.29 and 6.30)

NH2 was first excavated during the 2004 field season and was located west of the southwest corner of the cabin. NH2 was subsequently dug during the 2005 field season (layer B, not completed), 2007 (clean-up layer A) and 2008 (clean-up layer A, and layer B, not completed). For the 2017 field session, excavation resumed on layer B after a clean-up layer A. NH2B contained charcoal throughout, a bullet, and rodent bones, along with stones. NH2C contained an increase in artifacts, including fragments of bone, metal, and glass. Layers NH2D and NH2E resembled NH2C in soil type, texture, and color (medium brown, sandy loam) and artifact content. NH2F had an increase in artifacts, including bone fragments, a flow blue ceramic sherd, and a spoon fragment. NH2G saw a slight decline in artifacts, roughly resembling NH2C through NH2E. NH2H contained no artifacts and transitioned to subsoil.

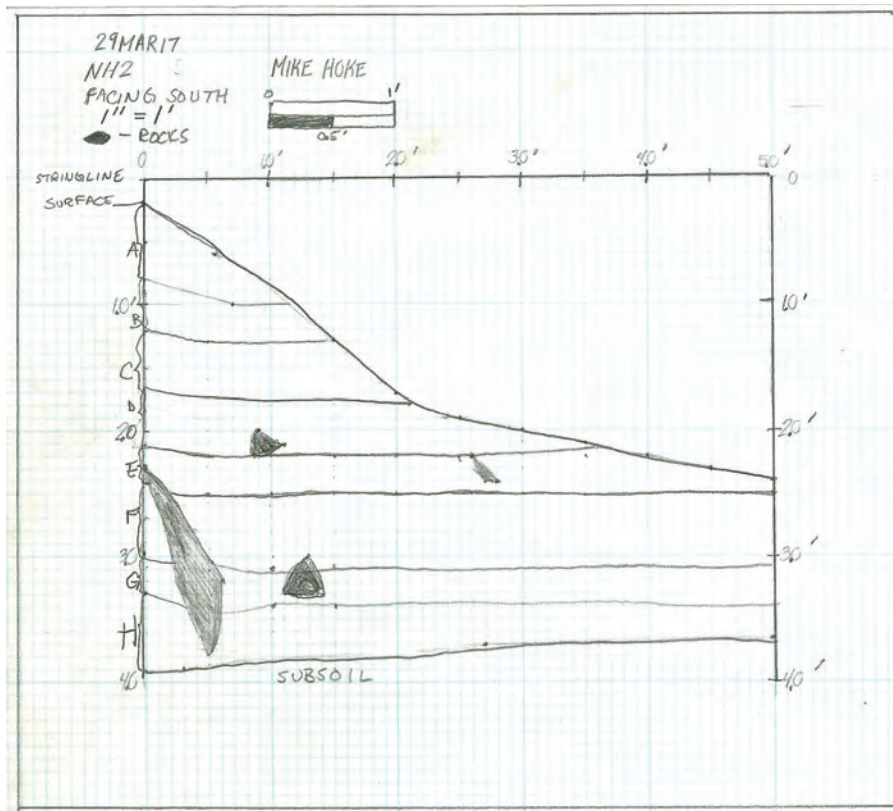


Figure 6.29. Profile map of NH2, facing south.



Figure 6.30. Finishing photograph of NH2, facing north.

NH6

(Figure 6.31)

NH6 was located east of NH2 and was approximately half the size of the other 5' x 5' patio units as the western cabin wall truncated the unit. Initial excavation in 2004 consisted of an A layer, which was not completed. Excavation of NH6 resumed in 2017 with a clean-up A layer, which yielded no artifacts. NH6B layer was given a 10YR 3/2 Munsell reading and contained three nails and a single glass sherd. NH6C mirrored layer B with relatively few artifacts (one bone fragment and one nail), and NH6D contained no artifacts. Excavators did not reach subsoil in this unit.

NH7

(Figure 6.32)

NH7 was located directly west of NH2 in the south patio area and was excavated during all field sessions except for 2006. During the 2017 excavations, NH7 was dug to subsoil. The clean-up A layer was described as sandy sand (Munsell 5YR 4/1) and contained bone and glass fragments, as well as an intact medicinal bottle. Layer NH7C (Munsell 5YR 7/2) yielded an increased number of artifacts including bone, ceramic, metal, and glass fragments in addition to nails, metal buttons, and nails. NH7D was similar in appearance to NH7C with the same Munsell reading, but contained fewer artifacts (bone, glass, nails). Layers E, F and G mirrored NH7D in artifact output. NH7E also had a Munsell of 5YR 7/2 while NH7F and NH7G had a slightly different coloring with a Munsell reading of 5YR 4/1. NH7H and NH7J again had a Munsell of 5YR 7/2 but also saw a considerable drop in artifacts with rocks and four bone fragments in NH7H and only rocks in NH7J. NH7J transitioned to tan subsoil.

NH11

Located directly south of NH2 at the exterior southwestern corner of the cabin remains, NH11 was excavated in 2004, 2008, and during the 2017 field sessions. NH11 consistently had a Munsell reading of 10YR 3/2 beyond the initial 10YR 4/2 A layer, which was also dug as a clean-up A layer in 2008. During the 2017 excavation, the artifact quantity dropped considerably with the clean-up A layer (metal, glass, button, leather fragments) and continued to decrease through to the G layer. Excavators did not reach subsoil in NH11, although it seemed imminent with the lack of artifacts and the increase of splotchy tan sand, a harbinger of undisturbed soil at the site.



Figure 6.31. Starting photograph of NH6.



Figure 6.32. Finishing photograph of NH7.

NH14

(Figure 6.33-6.35)

NH14 was located immediately west of NH11 in the south patio area and excavated to subsoil in the spring of 2017. Initially dug in 2004 as NH14 and followed by a clean-up A layer the following year in 2005, excavations resumed in NH14 during the 2008 field session with completion of a clean-up A layer and a B layer. Work continued in NH14 during the 2017 session, starting with a clean-up and proceeding sequentially from NH14C through J, which transitioned to subsoil. In 2017, the clean-up A layer was given a Munsell of 7.5YR4/2, while NH14C through NH14J had a uniform Munsell reading of 10YR 3/2. All layers were described as a sandy loam. There was a steady decline of artifact quantities beyond the clean-up A layer and no artifacts were found below NH14G.

NH29, NH32, NH33

(Figure 6.36-6.38)

Units NH29, NH32, and NH33 formed a line in the northwest portion of the patio, with NH33 on the western edge of the patio grid, NH32 immediately adjacent to the east of NH33, and NH29 directly east of NH32. All three units were excavated during the 2005 (layers A and B), 2008 (clean-up A layer and C), and 2017 (layers D through F) dig seasons; all three units transitioned to subsoil at the base of layer F. The fill in NH29 was described as a sandy loam with a uniform Munsell reading of 7.5YR 4/2. NH32 had a similar Munsell reading of 5YR 4/2 but was described throughout as a sandy sand. NH33 was also a sandy loam but with a lighter Munsell reading of 5YR 5/1. NH29, NH32, and NH33 contained similar artifacts; the clean-up A and D layers yielded bone, glass, ceramics, and various metal objects, including nails and can keys. NH33A also contained a 1911 penny. The E layer in all three units witnessed a marked decrease in artifacts and a substantial increase in stones.

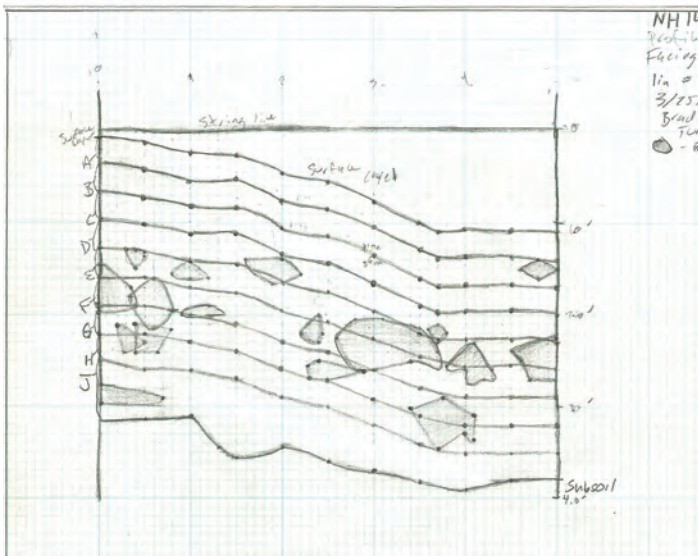


Figure 6.33. Profile map of NH14, facing east.

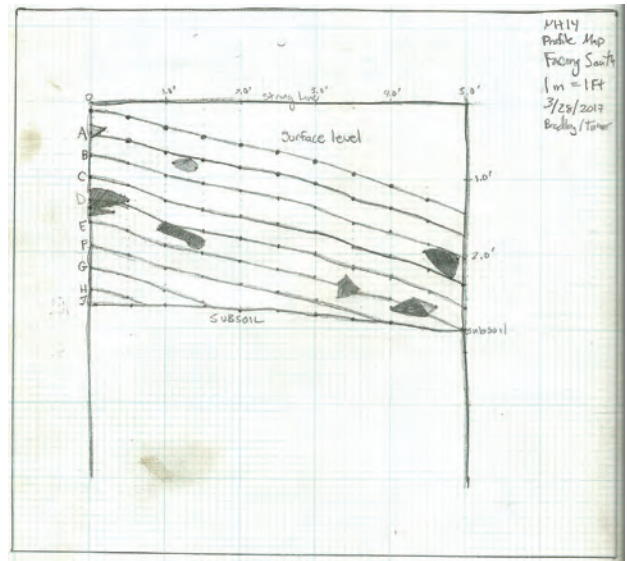


Figure 6.34. Profile map of NH14, facing south.



Figure 6.35. Finishing photograph of NH14, facing north.



Figure 6.36. Finishing photograph of NH29.



Figure 6.37. Finishing photograph of NH32.



Figure 6.38. Finishing photograph of NH33.

Cabin Units

NH40

(Figure 6.39-6.42)

NH40 was located in the northeast corner of the cabin and measured approximately 3.0' x 3.5' in length and width as the unit was truncated by the cabin walls. Previous excavations in 2006 consisted of layers NH40A through NH40F. In 2017, work started with a clean-up A layer. Excavators then picked up where previous digging had left off and turned attention to NH40G, a brown loamy sand with a Munsell reading of 7.5YR 6/4 and dense charcoal inclusions. NH40G was bisected because all existing sidewalls had either been excavated or were stone walls of the cabin foundation. NH40G only contained one artifact before transitioning to tan subsoil.



Figure 6.39. Starting photograph of NH40F. The pink stringline bisected the unit along the east-west axis of the structure.



Figure 6.40. Profile photograph of NH40, facing east.



Figure 6.41. Profile photograph of NH40, facing north.



Figure 6.42. Finishing photograph of NH40.

NH46

(Figure 6.43-6.45)

NH46 was one of two units located within the cabin's hearth and chimney area, with the other being NH45 to the south. NH46 measured approximately 3.0' x 3.5' in length and width as the unit was also truncated by the remains of the cabin walls. NH46 was initially dug during the 2007 field session. Only the A layer was completed; a B layer was started but not completed. Excavation on NH46 resumed during the 2017 session with a clean-up A layer, which gave way to NH46C, described as a sandy loam and given a Munsell of 5YR 6/4. No artifacts were found in NH46C. Layers NH46D through NH46F were also described as sandy loam, although these were given the slightly darker Munsell reading of 7YR 6/4. Students found few artifacts in NH46D (three wire fragments) and no human modified material in NH46E and NH46F. NH46F transitioned to tan subsoil.



Figure 6.43. Profile photograph of NH46, facing east.



Figure 6.44. Profile photograph of NH46, facing north.



Figure 6.45. Finishing photograph of NH46.

New Patio Units

Students opened 15 new units in the patio area; they reached subsoil in only two of them (NH86 and NH87) as high artifact densities in the top four layers, overall deep deposits, and a shortage of time limited progress. Promising finds in each of these areas indicated that the southern and western patio excavation areas should continue to be expanded.

NH86, NH87, NH88

(Figure 6.46-6.54)

NH86, NH87, and NH88 formed a north-south line immediately to the west of previously excavated patio trench units NH15, NH18, and NH4. The combination of the nine-year digging hiatus at the site, the depth of the previously dug trench in NH15, NH18, and NH4, and the record-setting rain of the winter of 2016-17 resulted in significant erosion along the eastern edges of NH86, NH87, and NH88. Approximately 0.3' of each of these units had slumped into the trench. NH86, NH87, and NH88 each had similar artifact totals by layer and like soil. The A layers for all three were described as sandy sand; NH87 and NH88 had a Munsell of 7.5YR 4/2, while NH86 was slightly lighter with a 7.5YR 2/2 reading. Each of these three units contained identical soil measures for layers B through H. Likewise, the first four layers (1.2') were artifact rich but then diminished greatly starting with the E layers. Spotty tan subsoil began to appear in the northern portion of NH86F, the northern edge of the northernmost unit in this trio, underscoring the natural north-to-south slope of the hillside. Uniform subsoil in the rest of NH86 was not reached until the base of NH86G. Excavators encountered subsoil a layer deeper in NH87; NH87G contained a nail and a stone pendant, and NH87H was an artifact-free layer that transitioned to sterile soil. NH88 was strikingly similar to the other two, except that NH88C and NH88D both had substantial charcoal inclusions not seen in NH86 and NH87. Excavators reached subsoil after the northern corner of NH88H was removed but were not able to finish the stratum due to time constraints. Though the layers in each of the units in this swath were remarkably similar, the steep slope of the hillside resulted in sequentially deeper units to the south: NH86 stopped at G, NH87 bottomed out at H, and NH88 will likely reach J before encountering subsoil in its southernmost corner.



Figure 6.46. Starting photograph of NH86.



Figure 6.47. Starting photograph of NH87.

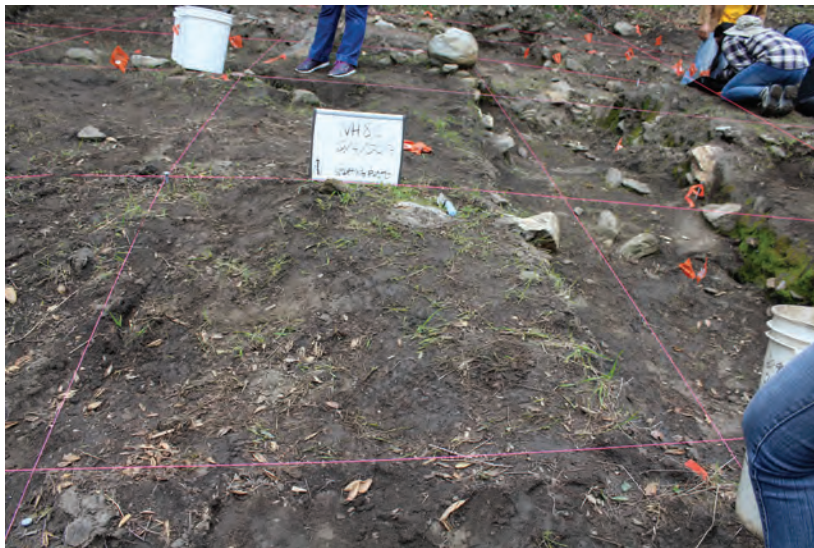


Figure 6.48. Starting photograph of NH88.



Figure 6.49. Profile photograph of NH86, facing west.

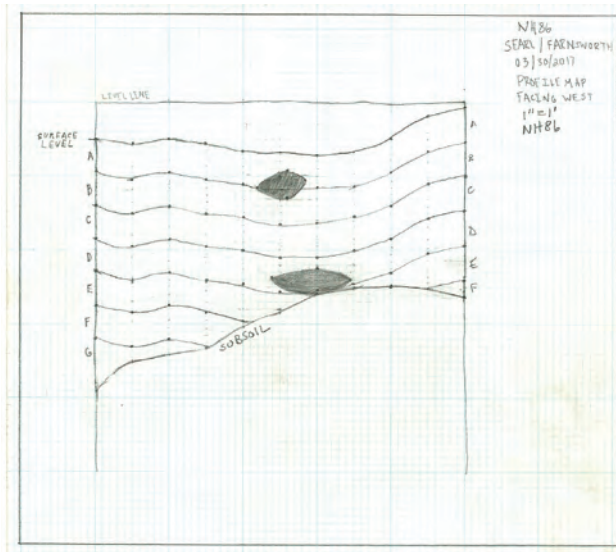


Figure 6.50. Profile map of NH86, facing west.

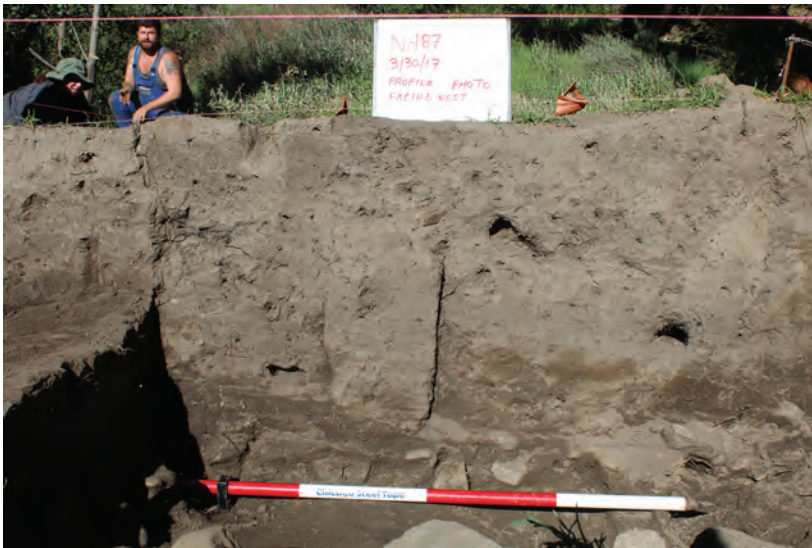


Figure 6.51. Profile photograph of NH87, facing west.

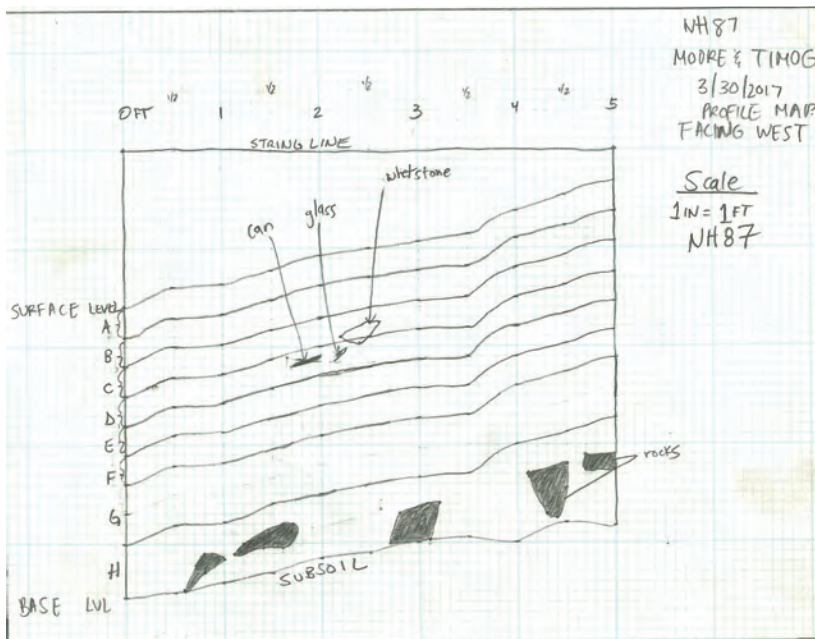


Figure 6.52. Profile map of NH87, facing west.



Figure 6.53. Finishing photograph of NH86.



Figure 6.54. Finishing photograph of NH87.

NH89, NH90, NH91, NH92, NH93, NH94

(Figure 6.55-6.60)

There were two additional three-unit north-south swaths opened in the spring of 2017. Located in the southwest area of the patio, NH92, NH93, and NH94 were immediately west of NH86, NH87, and NH88 respectively and NH89, NH90, and NH91 were directly west of NH92, NH93, and NH94. The layers for all six units were highly uniform, described throughout as sandy loam and with similar Munsell readings: NH89A through NH89E 7.5YR 2/2; NH90A through NH90J 2.5Y 5/2; NH91A and NH91B 5Y 1, NH91C and NH91E 5Y 2, NH91D 7.5YR 2/4; NH92A through NH92E 7.5YR 5/2; NH93A through NH93C 7.5YR 4/2; NH94A and NH94B 7.5YR 4/2, and NH94C through NH94F 7.5YR 3/2. Due to time constraints, excavators reached subsoil in none of these six units. NH89 was excavated partially through layer E; NH90 included a tree stump in the southwest corner and was dug to layer J; NH91 and NH92 were excavated through layer E; NH93 was dug partially through layer C; NH94 was excavated into layer F. Artifact density for all six units was similar to the other newly excavated patio units (NH86, NH87, and NH88) in that all artifact types were found in relatively substantial quantities in the A through D layers, with a noticeable decrease starting in layer E.



Figure 6.55. Starting photograph of NH89.



Figure 6.56. Starting photograph of NH90.



Figure 6.57. Starting photograph of NH91.



Figure 6.58. Starting photograph of NH92.



Figure 6.59. Starting photograph of NH93.



Figure 6.60. Starting photograph of NH94.

NH95

(Figure 6.61 and 6.62)

NH95 was the southernmost excavated unit for the 2017 session, located directly south of the previous excavation trench and immediately south of NH42. This was a new unit. Layers A through C were fully excavated and layer D was partially dug. Excavators described each stratum as sandy sand but assigned different Munsell readings (5Y 2, 5Y 2/1, and 10Y 2/2 for layers A, B, and C respectively). NH95A through NH95D had relatively similar artifact output with all artifact types represented in similar quantities as other newly excavated patio units. Consistent with the pattern seen across the site, no noticeable artifact drop-off occurred in these first four layers (1.2').



Figure 6.61. Starting photograph of NH95.



Figure 6.62. Profile photograph of NH42, facing south. Although NH42 was not dug during the Spring 2017 field season, its south wall was the same as the north wall of NH95, which was excavated during this time. NH42 was the southernmost unit of the north/south patio trench; excavators did not reach subsoil. Starting photograph of NH95.

NH96, NH97, NH98

(Figure 6.63 and 6.64)

NH96, NH97, and NH98 were directly west of units NH89, NH90, and NH91 respectively. Although NH97 was not excavated, NH96 and NH98 resembled the other excavated patio units in the consistent high-artifact yield from the top four layers. Layers NH96A through NH96C were described as a sandy sand with a Munsell of 7.5YR 4/2; layer C was not fully excavated. Layers NH98A through NH98D were given a Munsell of 10YR 3/6; layer D was not fully excavated.



Figure 6.63. Starting photograph of NH96.



Figure 6.64. Starting photograph of NH98.

NH99, NH100

(Figure 6.65 and 6.66)

NH99 and NH100 were immediately south of units NH14 and NH11 respectively. All layers for both units were described as sandy loam with slightly different Munsells: 10YR 3/1 for NH99; 10YR 3/2 for NH100A, B, E and F, and 10YR 4/2 for NH100C and D. NH99 was excavated through layer D with partial excavation of E, while NH100 was dug through layer E with partial excavation of F. As with the other newly dug patio units, the artifact quantities began to decrease in the D layers. NH99 had quantities similar to NH95; excavators found no artifacts in NH100E, and only metal fragments and two nails were recovered from NH100F.



Figure 6.65. Starting photograph of NH99.



Figure 6.66. Starting photograph of NH100.

Clean-Up Areas and Surface Finds

(Figure 6.67)

Consistent wet conditions through the spring of 2017 resulted in a near constant rinsing of the site by rain. Consequently, student archaeologists were routinely encountering newly uncovered surface finds across the site. When located in existing units, they were lumped in with the clean-up A layer to ensure against potential temporal contamination; when found outside of our current grid, they were plotted with a Global Positioning System device.



Figure 6.67. Gabby (left) and Gretchen Mallios (right) piece-plot surface finds with a hand-held GPS.



Figure 6.68. The Saturday field school cleaned every artifact excavated in 2017.

6.5 Analyses and Interpretations

During the 2017 spring field season, students excavated at the site every Saturday from January 21-April 8 with the following exceptions: January 21st was an orientation-day in the lab, February 18th was a rain-out, and April 1st was a holiday. In addition, Spring Break field-school members dug every day from March 27th-31st. Each member of the Saturday-only class participated in labwork on April 15th, 22nd, and 29th in the SDSU Anthropology Department Historical Archaeology and Maya Research (HAMR) Laboratory and Collections Management Program; many members of the Spring Break class volunteered on these lab days as well. The above-and-beyond efforts of many of the many field school students resulted in the entire artifact collection from the Spring 2017 field season being processed and cataloged by May 31st, 2017, in addition to a wide assortment of preliminary artifact studies being completed. Special attention and praise is merited for students in a field school that managed to complete a technical report within mere months of the end of the excavation season (Figure 6.68).

The following section of this report offers preliminary analyses and interpretations of the site and its material assemblage. It emphasizes change in form over time and space, focusing primarily on insights gleaned from the 2017 field season but occasionally summarizes materials from the six years of excavation at the site. During the spring of 2017, the field-school students at the Nate Harrison site recovered 8,542 artifacts. The 2017 artifact catalog is presented in its entirety in Appendix B. This surge in artifact densities when compared with diminishing results in the 2008 field season intimated that key components of the primary historical deposits and core activity areas have yet to be unearthed. Overall, the following analyses definitively established that a small number of inhabitants occupied the Nate Harrison site during the late 1800s and early 1900s. The artifact assemblage revealed a singular occupation at the main cabin.

Time

Use and production date ranges were compiled for the individual Spring 2017 field season as well a cumulative graph for the complete duration of the Nate Harrison historical Archaeology Project. Following analytic protocol established in previous Nate Harrison technical reports, artifact date ranges were based on the earliest end-of-production date and the latest start-of-production date for any artifact in the given assemblage. Date-range intersections for materials uncovered during 2017 established that the large area to the west and south of the main cabin was occupied from 1875 to 1911 (Figure 6.69). The end-production date of a fired cartridge with an “H” stamp provided the occupation start date. The 1911 Lincoln small cent (penny) established the end date and served as the *terminus post quem* (TPQ) for the area.

Cumulative date range intersections from all five summers (2004-2008 and 2017) revealed the same occupation pattern (Figure 6.70). With a few isolated off-site finds as exceptions, the artifacts clearly show a singular occupation at the site during the last quarter of the 19th century and the first quarter of the 20th century. Various coins, bottles, buttons, cartridges, and thousands of other finds reveal that the site was inhabited from 1865-1916. Shell buttons with sunken panels provide the start date and two 1916 coins serve as end date and TPQ for the site. Contrary to many of the established stories of Nate Harrison and his time on Palomar Mountain, none of the artifacts definitively point to a pre-1865 occupation date at the site.

Space

Student archaeologists at the Nate Harrison site used a variety Geographic Information System (GIS) related tools to construct different representations of the site and the surrounding region. A digital elevation model (DEM) provided a three-dimensional view of the Nate Harrison Grade and the Nate Harrison site on Palomar Mountain (Figure 6.71).

An additional set of spatial constructions were derived from Unmanned Aerial Vehicle (UAV) or drone footage. Since UAV’s can take video, single photographs, or a series of images, they are able to provide the necessary data for photogrammetry. For this analysis, the camera was set up to take a picture in 4k every few seconds. This was

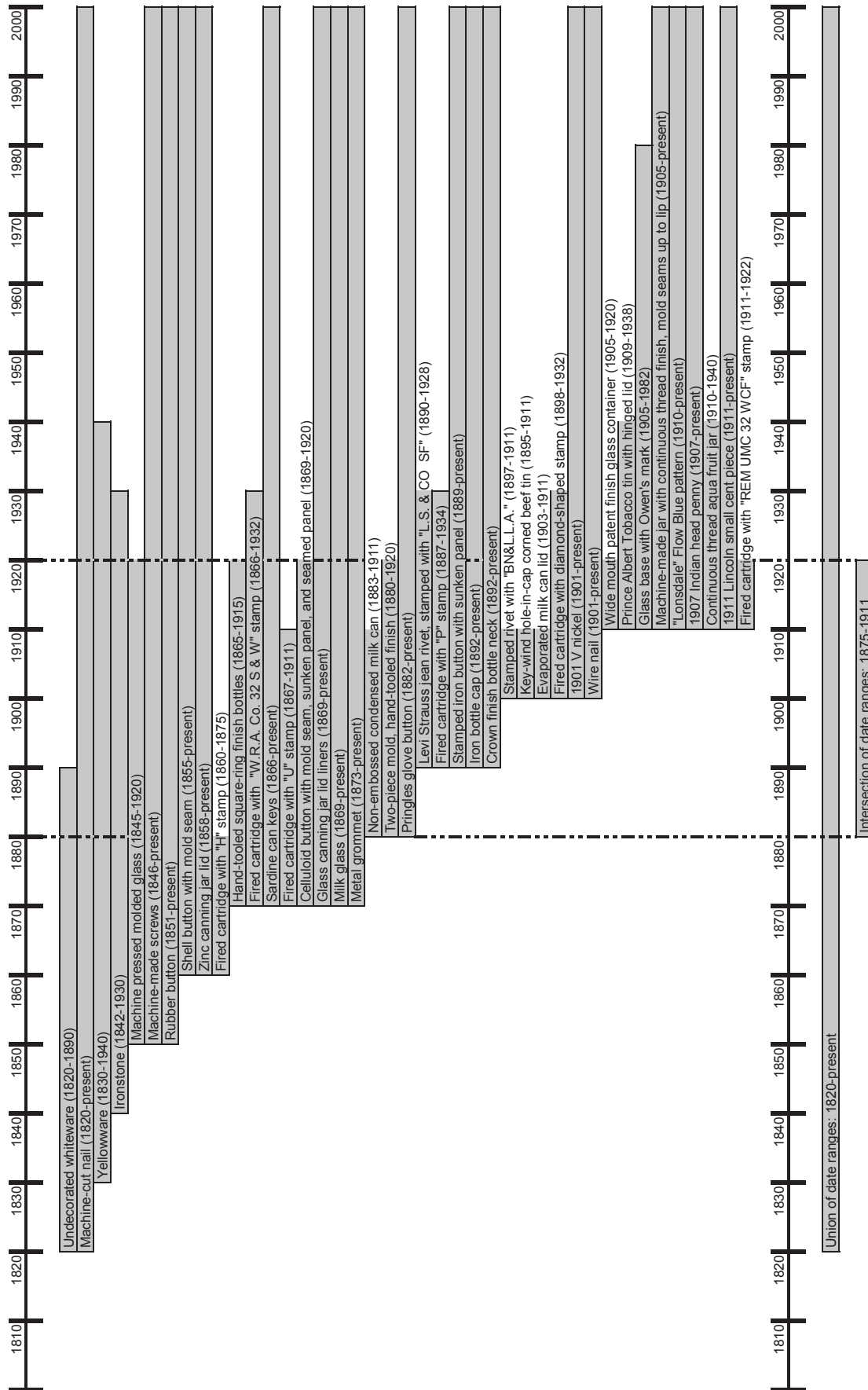


Figure 6.69. Artifact date ranges based on materials found in sealed contexts during the 2017 field season.

AN INTERIM TECHNICAL REPORT FOR THE 2017 FIELD SEASON

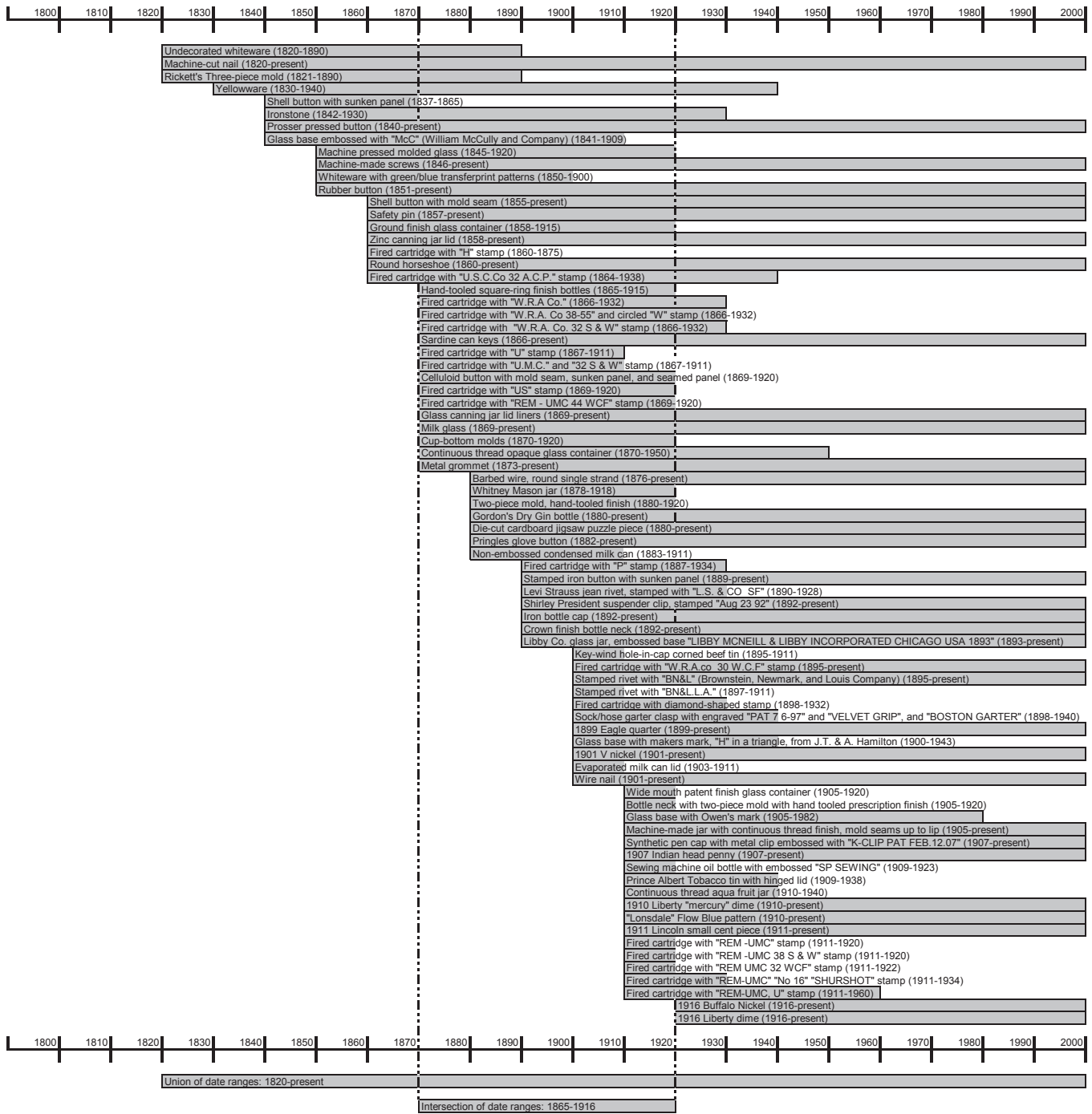


Figure 6.70. Cumulative artifact date ranges from the main cabin and patio area sealed contexts (2004-2008 and 2017 field seasons).

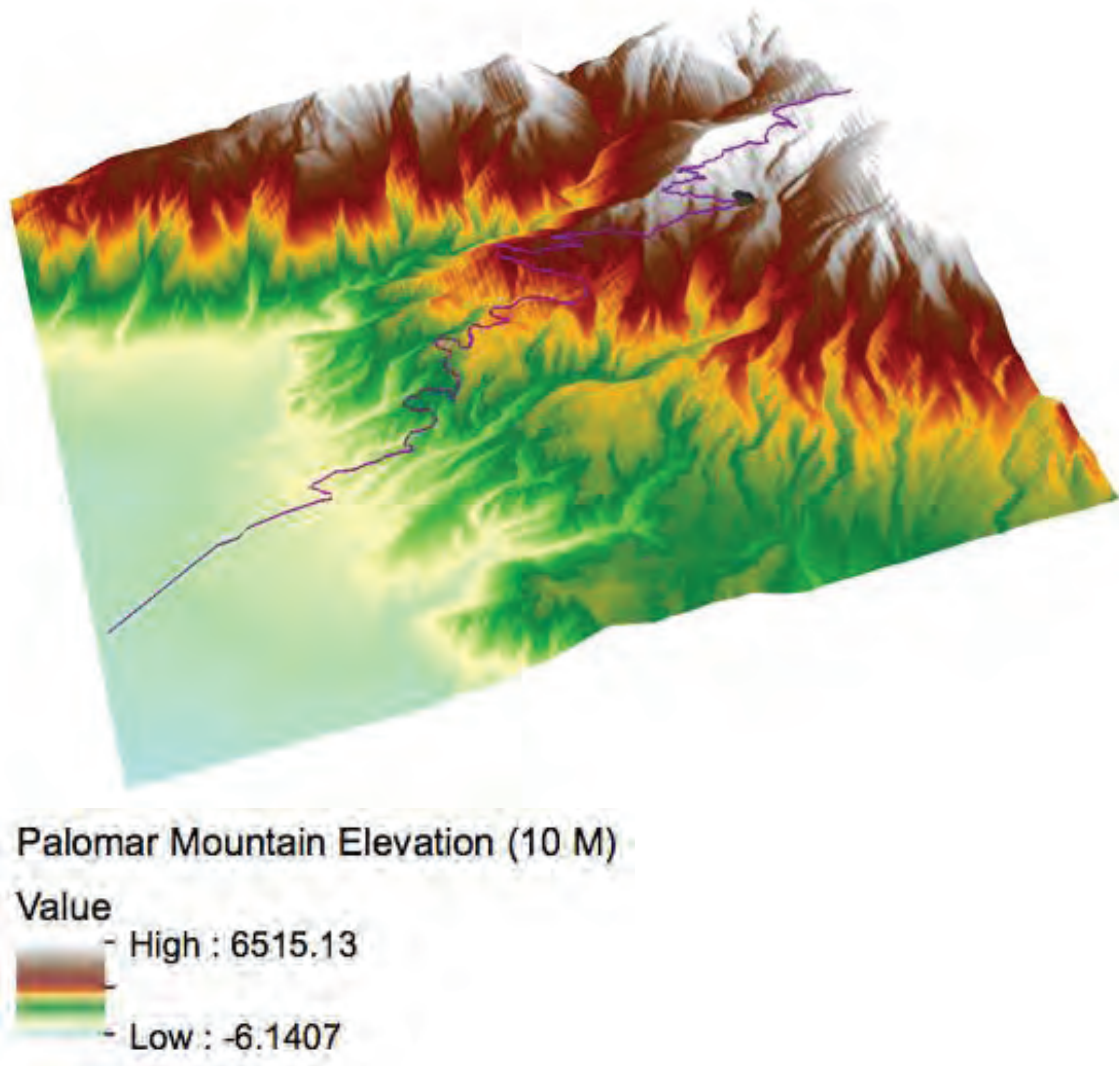


Figure 6.71. Digital Elevation Model (DEM) of Palomar Mountain with Harrison Grade Road (in purple) and Nate Harrison Site (cabin blown up for reference); created in ArcScene.

the first use of a drone at this archaeology site, and many lessons were learned on how to standardize the elevation, transects, and speed of the device to ensure comprehensive coverage and modeling. Nonetheless, even with only five photographs, most of the site could be seen.

Using OpenDroneMap software, the drone photographs were transformed into images that were then used to create three-dimensional models in Meshlab software. OpenDroneMap located points in common among the different UAV photographs and stitched them together. The software also determined connectivity between the known points. The Meshlab model was assembled in steps, including a three-dimensional surface without any added texture or color additions (Figure 6.72), a Point Cloud of data points in a three-dimensional coordinate system (Figure 6.73), a triangular mesh of the point cloud overlaid on the surface (Figure 6.74), a textured point cloud (Figure 6.75), and a final textured three-dimensional model rendered from UAV imagery via Open Drone Map and displayed in Meshlab (Figure 6.76).

Figure 6.72. Three-dimensional surface of Nate Harrison archaeology site.

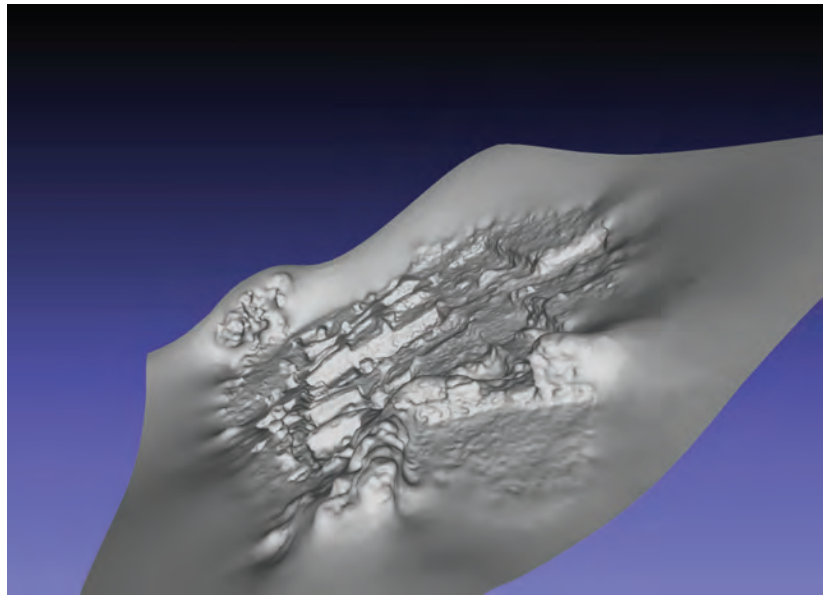


Figure 6.73. A point cloud of data points in a three-dimensional coordinate system created in Meshlab.

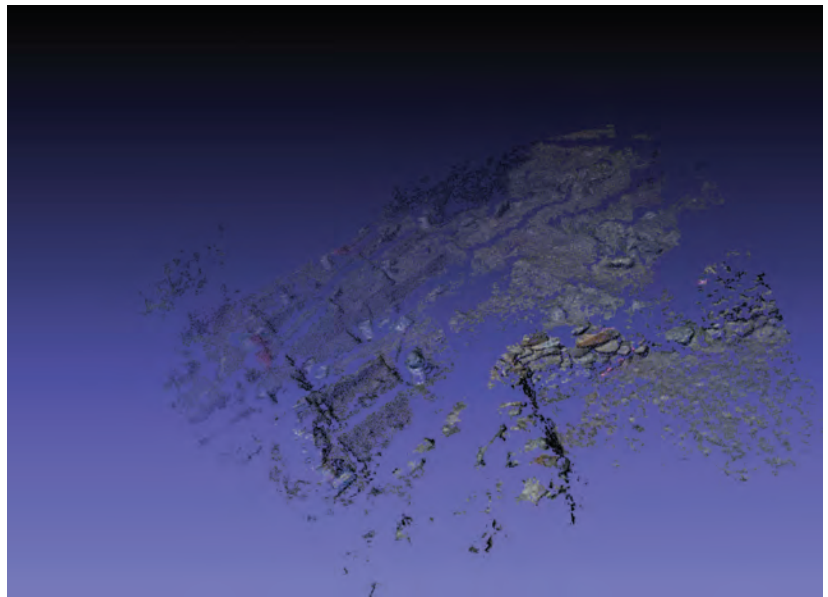
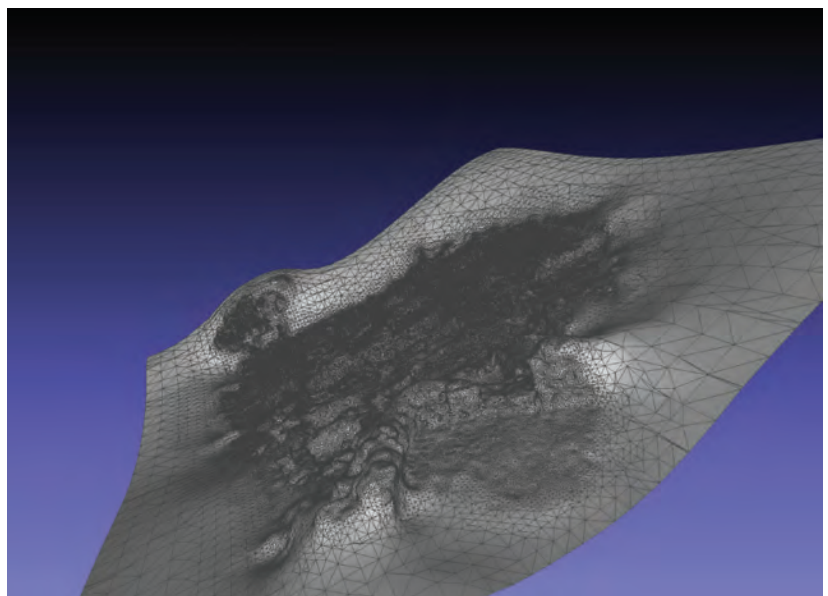


Figure 6.74. Triangular mesh of the point cloud laid on the surface.



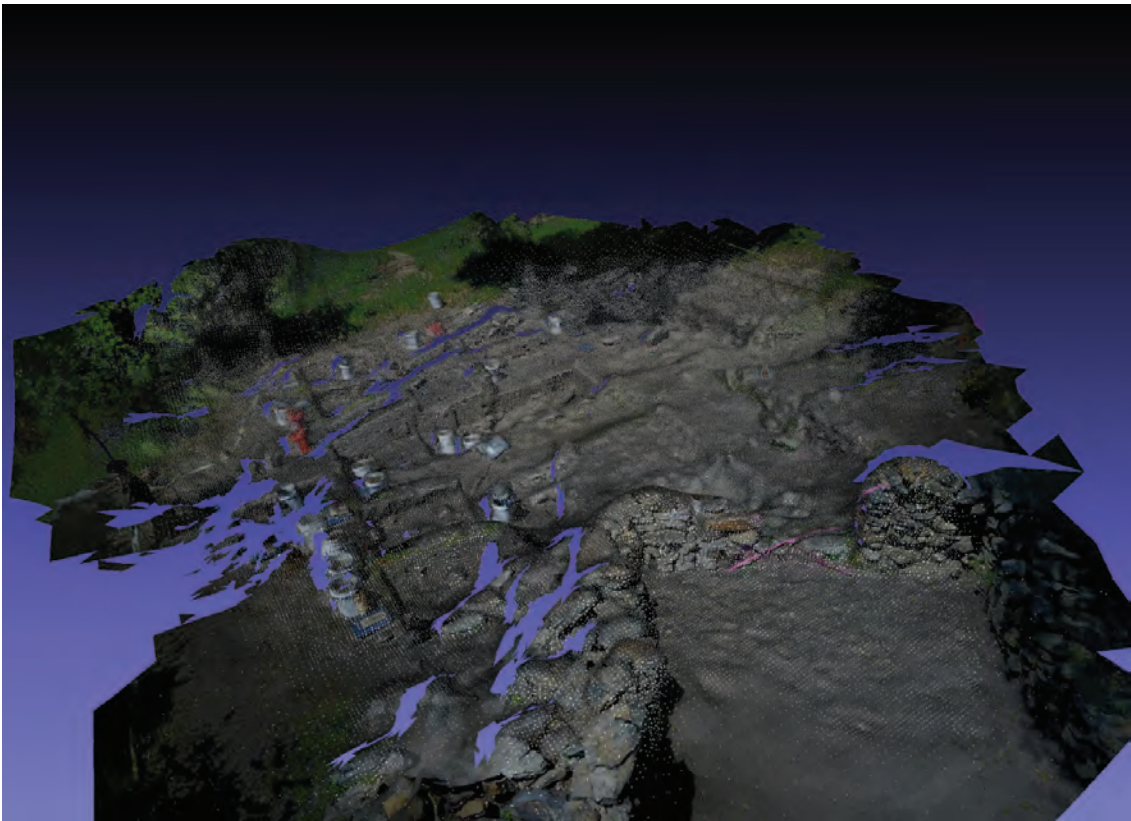


Figure 6.75. A textured point cloud.

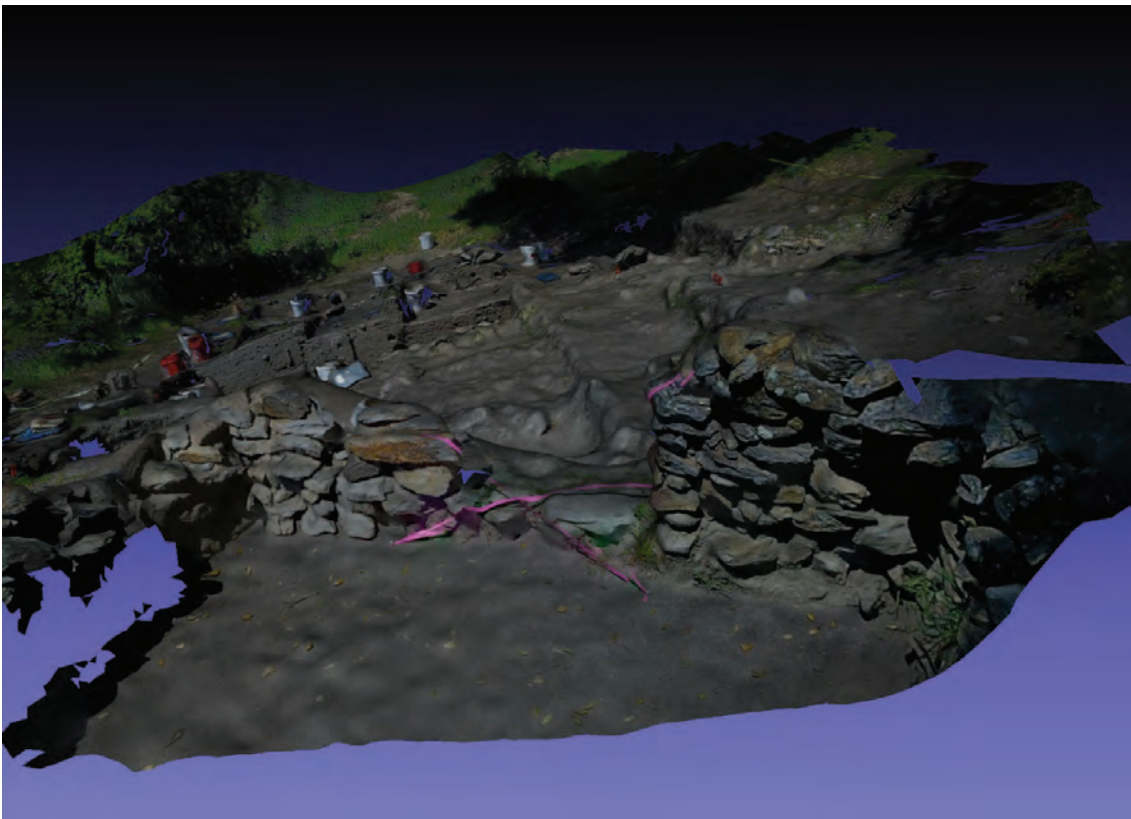


Figure 6.76. The final textured 3D model of the Nate Harrison archaeology site rendered from Unmanned Aerial Vehicle (UAV) imagery with Open Drone Map and displayed in Meshlab.

6.6 Selected Artifacts

Each year, the technical report discusses individual artifacts uncovered during past field seasons. Chosen subjectively, these finds do not reflect any representative sampling.

Ceramics

Yellowware Bowl (NH14D, 18A, 18D, 33C, 35C86A, 89A, 89E, 93B)

Excavators digging at the Nate Harrison site uncovered 11 sherds of Yellowware, a high-fired earthenware with a clear glaze, either lead- or alkaline-based, to form a shiny finish (Figure 6.77). Six of the pieces cross-mended into a single bowl, and it was likely that the other five were part of the same vessel as well (Canon 636) (Figure 6.78). The bowl had a solid yellow interior, including the vessel edges. There was a decorative one-inch exterior white band just below the rim.

The term Yellowware referred to a ceramic type that fired to a yellowish color, ranging from dark to pale (Ketchum 1987:7). Fired at 2,200 degrees Fahrenheit, Yellowware was especially useful for baking and other activities that entailed exposure to high temperatures (Ketchum 1987:7). Since Yellowware was commonly used for cooking, it was not surprising that most of the excavated sherds came from patio area units where historical photos often depicted Harrison preparing his meals. Layers in these units were also rife with charcoal inclusions and associated faunal remains.

Yellowware vessels often had exterior bands of color, most commonly white, brown, or blue (Ketchum 1987:7). After 1900, vendors typically sold Yellowware in sets that included mixing bowls, casseroles, pie plates, pitchers, cookies, or beater jars (Ketchum 1987:9). Nevertheless, the most common form of Yellowware was the bowl, produced 1830-1940 (Ketchum 1987:31). There were many Yellowware bowl sizes as wheel-turned bowls nested in twelve forms from 3-17" in diameter and molded bowls came in ten sizes from 5-14" in diameter (Ketchum 1987:31).

Although there were no markings to indicate what company made the vessel recovered at the Nate Harrison site, it resembled a Yellowware bowl produced by the Morton Pottery Company in Illinois from 1910-30 (Figure 6.79). Morton Pottery Yellowware bowls from this time had a very similar white strip just below the rim with an otherwise consistently yellow exterior. Researchers often have difficulty distinguishing Morton Pottery from other similar ceramic makers because Morton rarely used an identifying mark on its vessels (Crews 2017). There



Figure 6.77. Hilary Moore holds three recently unearthed Yellowware sherds.

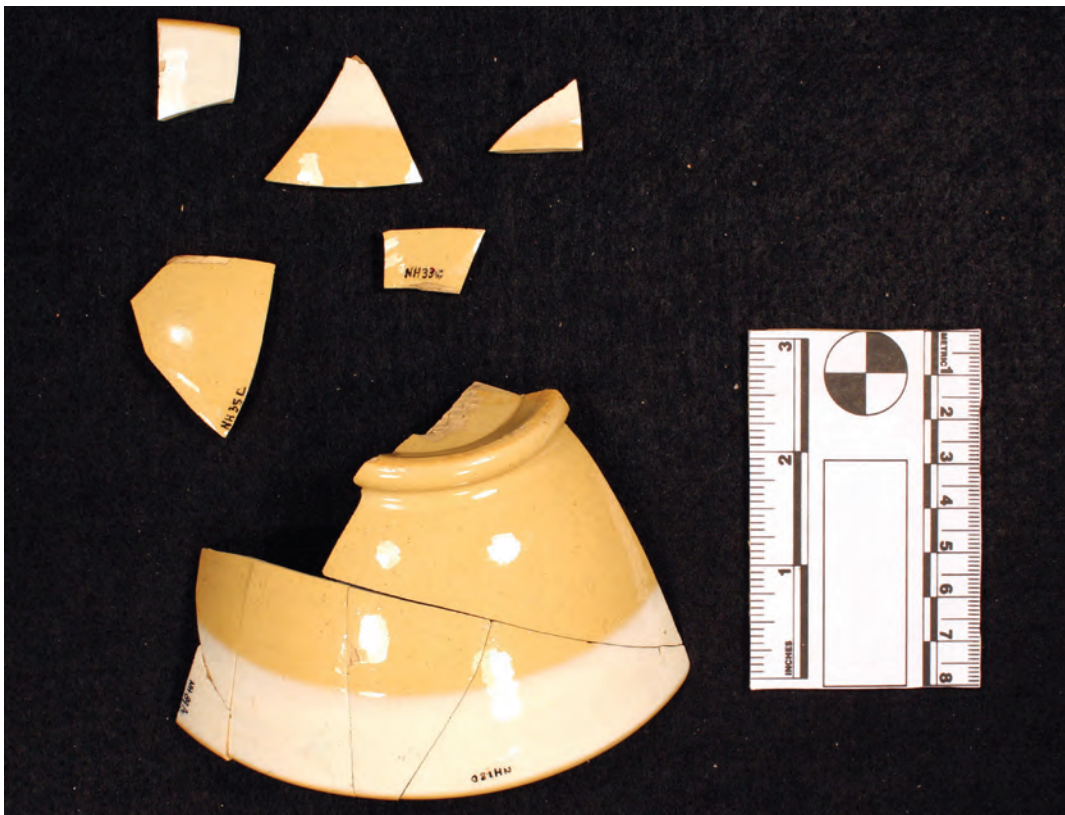


Figure 6.78. The Yellowware bowl pictured here contained six cross-mended sherds and five others that were likely of the same vessel.



Figure 6.79. The Morton Pottery Company in Illinois produced this type of Yellowware bowl from 1910-30 (Ketchum 1987).

were also several manufacturers of Yellowware in California, including Daniel Brannon's Pioneer Pottery in East Oakland in 1856, The Pacific Clay Manufacturing Company in Los Angeles from 1884 to 1910, and the J.A. Bauer & Company in Los Angeles from 1890 to 1958 (Ketchum 1987:29).

Flow Blue Plate (NH2F, 18A, 42A, 47A, 48A, 89B, 90C, 92C, 98A)

Porcelain in England took many forms as it competed with the widely popular, but far more expensive, Chinese porcelain. These variants included an incredibly popular blue and white pattern, known commonly as "Flow blue," that was frequently shipped to the Americas. Excavators uncovered twelve sherds from a single small butter pat dish of this distinctive porcelain pattern at the Nate Harrison site.

Soft-paste porcelain production in England dated back to the mid-1700s (Godden 1974:23). This was not a true porcelain, like the kaolinite ceramics made in China, because the clay was an imitation. Since it consisted of a mixture of ground glass and clay, the ceramic was fired at a lower temperature (about 1,200 °C, or 2,200 °F) than hard-paste porcelain (*Encyclopædia Britannica* 2017). This "soft-firing" resulted in a noticeably different feel to the body of the English wares. Toward the end of the 18th century, Josiah Spode began to produce Bone China, so called because it included a small portion of bone ash mixed with stone and clay (Godden 1974:25). This amalgamation allowed the finished product to be sturdier than hard-paste porcelain from China (*Encyclopædia Britannica* 2017). Bone China, as many English tablewares of the post-1815 period were known, usurped Chinese porcelain as the ceramic of choice in Britain and the United States (Godden 1974:23, *Encyclopædia Britannica* 2017).

Before 1842, ceramic companies frequently copied each other's porcelain patterns without any regulation; simply put, whenever a pattern became popular enough, rivals would soon trace and sell it without permission. In the mid-19th century, however, a new system came into place allowing patterns to be registered and patented (Godden 1974:26). This standardized protocol consisted of a mark with a series of numbers and letters set into a diamond shape that coincided with year and month registered along with the manufacturer (Godden 1974:26). The original 1842 system was replaced in 1884 by a simpler set of symbols that was just a series of numbers that, when referenced back to the official files, revealed when and to whom the pattern was registered (Godden 1974:29).

From 2004 to 2017, student excavators uncovered a dozen Flow Blue sherds from a single vessel (Figure 6.80 and Figure 6.81). The specific Flow Blue pattern found at the Nate Harrison site did not include a maker's mark, either because the vessel never had a mark or because the sherd with the symbols has yet to be recovered. However, intrepid student research on the Flow Blue International Collectors' Club newsletter located an article by Shell Lewis entitled, "Flow Blue Butter Pats," which perfectly matched the Harrison site pieces (Lewis 2017) (Figure 6.82). The pattern, called "Lonsdale" by the Ridgway Company, dated to circa 1910 (Figure 6.83 and Figure 6.84).

The Ridgway Company had a rich and detailed history of pottery production. According to Geoffrey A. Godden, author of *The Illustrated Guide to Ridgway Porcelains and Ridgway Porcelains* (1972), brothers George and



Figure 6.80. Jamie Bastide unearthed this Flow Blue sherd.

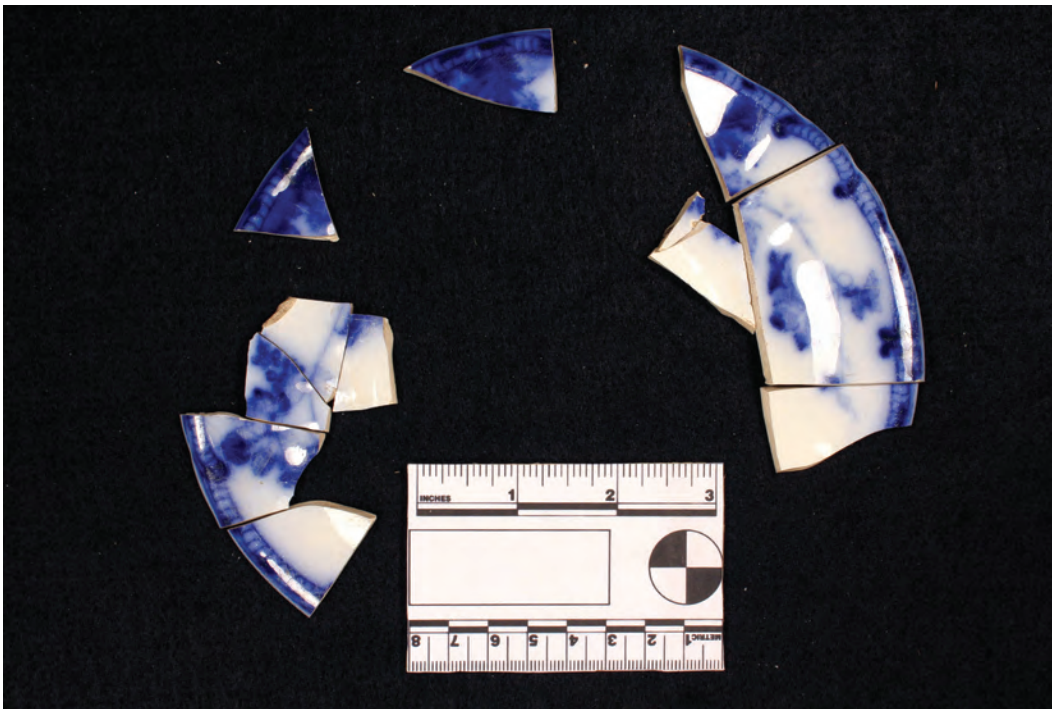


Figure 6.81. The 12 Flow Blue sherds recovered from the Nate Harrison site.



Figure 6.82. The Lonsdale pattern by Ridgways, circa 1910.

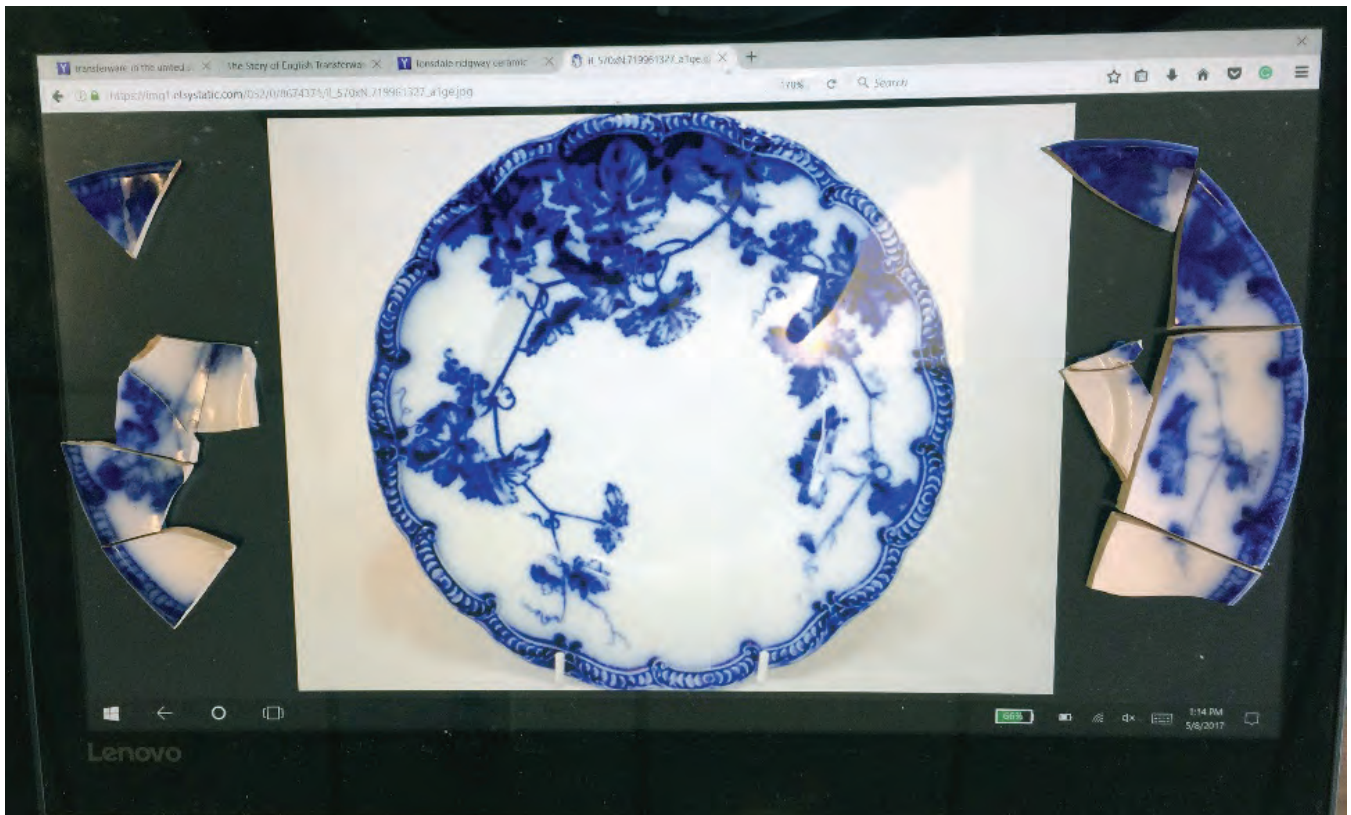


Figure 6.83. The sherds next to the pattern.



Figure 6.84. The sherds superimposed on the pattern showed a perfect match.

Job Ridgway, along with their partner, William Smith, owned an earthenware pottery in 1797 named “The Bell Works.” By 1802, the brothers had separated; George continued at the Bell Works, producing earthenware and soon after, bone china. He maintained ownership of the company after both his sons died, eventually turning the place over to his nephews (brother Job’s sons) in 1814. After the split with George, Job had opened Cauldon Place Works in 1802, specializing in earthenware production. When Job partnered with his sons in 1808, they also began to produce bone china. After working at the Bell Works together for a number of years, Job’s sons, John and William, separated in 1830. John worked at Cauldon Place Works with his father, and William continued at the Bell Works, his uncle’s company. John was especially successful in the 1830s and ’40s, he was appointed potter to Queen Victoria for his high quality earthenware, stone china, and porcelain. By 1859, however, the Cauldon Place Works included new partnerships and passed from Ridgway hands. However, The Bell Works lasted for many more years. William quickly expanded his potteries after the separation in 1830 to include five other potteries. His son, Edward, joined the company in 1838, but set out on his own by 1845, taking over one his father’s pottery works. William continued his successful business enterprises until his death in 1864. His son Edward passed the businesses down to his sons, John and Edward Ridgway. The name Ridgway remained associated with Staffordshire potteries until 1964; the location and company still lay claim to their proud Ridgway heritage.

The Ridgways, along with most English and American potteries at the time, catered to the wildly popular blue and white ceramic demands. Based on its popularity, date range, pattern, and location, Flow Blue clustered into three categories: 1) early Victorian (1835-1860), 2) middle Victorian (1860s-1870s), and 3) late Victorian (1880s-early 1900s). Jeffrey B. Snyder (2017) explained:

In the Early Victorian period oriental patterns based on imported Chinese porcelains and romanticized scenic patterns were the fashion. Through the Middle Victorian period, floral patterns grew in popularity while Japanese motifs were introduced to the Western world. By the Late Victorian period, Japanese and Art Nouveau designs proliferated.

Though the plate found at the Nate Harrison site was produced during the Late Victorian time period, it contained a floral pattern from the middle Victorian. This might suggest that the motif on this particular vessel was already outdated by the time Harrison acquired it.

Hotel Ware (NH89D)

Students digging in NH89D unearthed half of an undecorated and unmarked white teacup in a single massive sherd during the spring of 2017 (Figure 6.85). The cup measured 3 ½” in height and had a projected circumference of 4” (Figure 6.86, Figure 6.87, and Figure 6.88). These types of “Hotel Ware” vessels were also commonly called “Hotel China,” “Institutional China,” “Commercial China,” “Restaurant China,” “Institutional Ware,” “Commercial Ware,” “Vitrified Chinaware,” and “Fat China” (Myers 2016). It was possible that there was a decoration on the half of the tea cup that has yet to be uncovered, like similarly shaped “Manitou Chief” tea cups (circa 1890) (Figure 6.89). Nevertheless, it was far more likely that the excavated vessel, like most other Hotel Ware, was entirely without a maker’s mark or decoration.

Manufactured in the late 19th and early 20th centuries and designed to be thick, durable, and more sanitary due to vitreous surface enamel and dearth of decoration or creases, Hotel Ware gained great prominence in hotels, restaurants, ships, trains, and schools for its functionality (Myers 2016). Local historical archaeologists have found Hotel Ware at other sites in southern California, like the Aguirre Indian School site in Carlsbad (circa 1873-1920) and a variety of sites in Old Town, San Diego (personal communication, Susan Walter, May 18, 2017). Undecorated Hotel Ware was extremely common and very inexpensive; it employed a standardized and stream-lined one-piece manufacturing process (Myers 2016) (Figure 6.90). Parallel forms to the one uncovered at the Nate Harrison site abound; one particular parallel of “Erica Hotel Ware” (circa 1950) was especially similar (Figure 6.91).



Figure 6.85. The Hotel Ware teacup was uncovered by Leah Hails (left) and Melissa Hare Allen (right) in the back right (northwestern) corner of NH89D.



Figure 6.86. The Hotel Ware teacup from the back.



Figure 6.87. The Hotel Ware teacup from the front.



Figure 6.88. The Hotel Ware teacup from the top.



Figure 6.89. The Manitou Steamship Company “Manitou Chief” pattern (Conroy 1998 (I): 138).

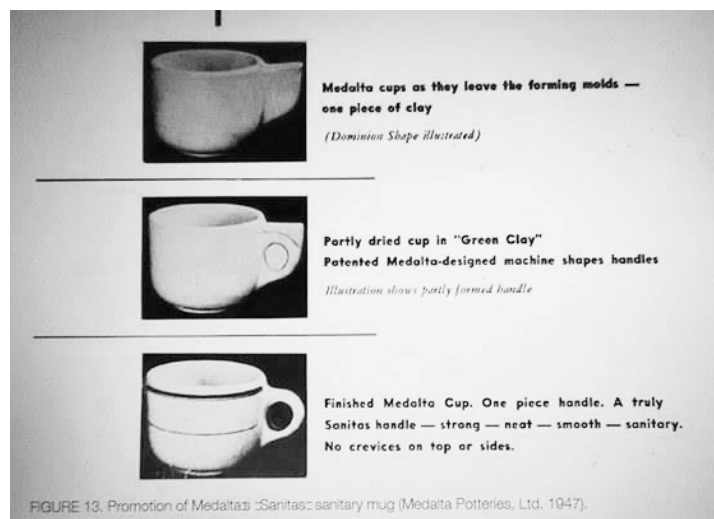


Figure 6.90. The simple one-piece production process of the “Madalta” cup (Meyers 2016:122).



Figure 6.91. "Erica Hotel Ware" from circa 1950 (Conroy 1999 (II):196).

Small Finds

Camera Lens (NH99B)

Excavators working in patio-area unit NH99B uncovered a small circular glass lens with a metal perimeter that was most likely part of a camera. The lens was 0.5" in diameter with a ridged nickel edge (Figure 6.92 and Figure 6.93). Although this artifact could be a lens to a telescope or microscope as well, the preponderance of pictures of Nate Harrison during the early 1900s and the physical similarities between this item and early 20th-century camera parts strongly suggested the photography attribution.

The Eastman Kodak "Brownie" was the first inexpensive and portable camera (Rosenberg 2017). Designed by Frank Brownell in February 1900 to boost film sales, the camera proved to be durable and reliable as well. Kodak made the Brownie out of a wood covered box with black cardboard; both were wrapped with fake leather and nickel fittings. It used a meniscus lens, with one face curved outwards and the other curve inwards. The Brownie changed modern photography as it was cheap (\$1), simple to use (hold waist high, aim, and turn the switch to shoot), easy to prep (film could be rolled in daylight), and even more straightforward to develop (Kodak processed the pictures for its customers) (Figure 6.94). These factors made this camera extremely popular; in 1900 alone, Eastman Kodak Company sold more than 250,000 Brownie cameras (Rosenberg 2017) (Figure 6.95).



Figure 6.92. Front view of lens.



Figure 6.93. Side view of lens.

Any school-boy or girl can make good pictures with one of the **Eastman Kodak Co.'s Brownie Cameras** **\$1.00**

\$1.00

Brownies load in daylight with film cartridges for 6 exposures, have fine meniscus lenses, the Eastman Rotary Shutters for snap shots or time exposures and make pictures 2½ x 2¼ inches.

Brownie Camera, for 2½ x 2¼ pictures,	\$1.00
Transparent-Film Cartridge, 6 exposures, 2½ x 2¼,15
Paper-Film Cartridge, 8 exposures, 2½ x 2¼,10
Brownie Developing and Fixing Quiff,75
Brownie Removable Finder,25

Take a Brownie Home for Christmas.

Brownie circulars and Kodak catalogues free at the dealers or by mail.

EASTMAN KODAK CO.
Rochester, New York.

When you write, please mention "The Cosmopolitan."

Figure 6.94. Early 1900's advertisement for Kodak Brownie camera.



Figure 6.95. Early Kodak Brownie camera model; note the inset lenses on the top corner.

Tobacco Pipe Inventory (NH6A, 9D, 10A, 11E, 13A, 13B, 18D, 33A, 37D, 47A, 92E)

Students have uncovered 11 different tobacco pipestems at the Nate Harrison site (Figure 6.96 and Figure 6.97). Smokers used these intentionally detachable pipestems—also commonly known as mouthpieces, bits, and mounts—to draw smoke from the lit pipebowl into the mouth. George Tad explained in his online Pipes and Tobaccos Magazine article, “The Pipe Stem,” that, “Hard rubber, patented by Charles Goodyear in 1844, combined heated (vulcanized) rubber and sulfur to create a hard, durable material, also known as vulcanite or ebonite. Hard rubber became, and remains, the most popular material for pipe stems.” Charles Goodyear was not a pipemaker;



Figure 6.96. Elyse Bradley (left) and James Turner (right) carefully excavated a rubber tobacco pipe mouthpiece from NH11E.



Figure 6.97. The top two pipestems pictured here were made of bone; the other nine were rubber.

his rubber products were for far larger markets. Goodyear was the namesake for Akron, Ohio's "Goodyear Tire and Rubber Company."

None of the pipestems recovered from the Nate Harrison site had a maker's mark, although some had incised lettering denoting the items as "PURE RUBBER" and "SOLID RUBBER" (Figure 6.98). These stems were remarkably similar to those sold by the Wilhelm C. Demuth Company during the late 19th and early 20th centuries. The Demuth Company was one of the most popular retailers of pipe-related items at that time. Promotional material from their packaging stated:

Wilhelm C. Demuth (1835-1911) a native of Germany, entered the United States at the age of 16 as a penniless immigrant. After a series of odd jobs he found work as a clerk in the import business of a tobacco tradesman in New York City. The William Demuth Company was a retail, wholesale and import giant for more than 100 years. Started in 1861-1862 in New York City, by 1890, it was claimed that Demuth owned the largest pipe import, wholesale, and manufacturing business in the United States.

Demuth pipes were available locally during Nate Harrison's time in southern California. In fact, a visit to "Racine & Laramie Tobacconist," a tobacco shop in Old Town, San Diego that started in 1868, revealed numerous Demuth products, including a package of a dozen Demuth pipestems from the 1900s in the original packaging. The pipe-stems were of varying shapes and sizes; many were identical to the ones discovered at the site (Figure 6.99).

Previous technical reports detailed the pipebowls unearthed at the Nate Harrison site, one of which was an ornate carved stone bowl that depicted a bird claw holding an egg (Figure 6.100). Further analysis determined that this particular bowl was an "Eagle's Claw Meerschaum Tobacco Pipe" (Figure 6.101). Meerschaum products were made from the mineral sepiolite. Meerschaum pipes started white, but as the porous pipe absorbed moisture and tobacco tar into the soft stone, it turned darker shades of yellow, tan, orange, red, and brown. The fascinating history of these items included the following details in an article entitled "Meerschaum Pipes," from the online magazine *Collector's Weekly*:

Meerschaum is found in a handful of places around the world, but the most famous source for the stone is in and around the city of Eskisehir in western Turkey. A porous mineral, meerschaum is soft enough to be carved but hard enough to be polished, revealing the incredible skill of the artisans who began making pipes out of the material in the 18th century. By the late 19th century, an ornately carved meerschaum pipe or cheroot holder was a status symbol for the men who smoked them in their clubs and book-lined studies. But by the end of World War I, fancy meerschaum pipes had been superseded by the



Figure 6.98. The underside of this pipestem included the phrase "PURE RUBBER."



Figure 6.99. Package of pipestems found at Racine & Laramie Tobacconist, in Old Town San Diego.

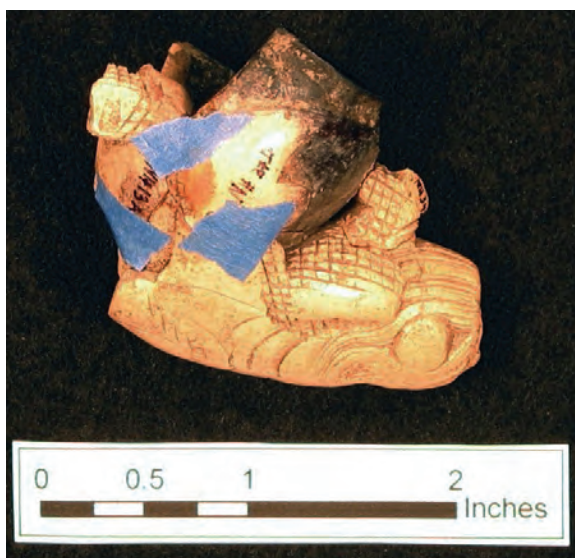


Figure 6.100. The Meerschaum Eagle Claw pipe recovered from the Nate Harrison site.



Figure 6.101. A complete Meerschaum Eagle Claw pipe.

clean, geometric look that would become Art Deco. During its heyday, from roughly the 1870s to the 1920s, pipe makers in Hungary and other Eastern European countries, many of whom were Jews who passed their trade from son to son, transformed blank blocks of white meerschaum into everything from the heads of figures from history and literature to angels in repose and hunters on horseback (Anonymous, no date, "Meerschaum Pipes.")

Coin Inventory (NH7A, 13A, 13B, 33A, 36C, 42A)

Six seasons of field excavations at the Nate Harrison yielded six different coins. Excavators uncovered four from 2004-08 and two during the Spring 2017 semester. The following summaries included a description of each coin's physical form, history, and ties to Nate Harrison life and times.

In 2004, student archaeologists uncovered a 1916 Buffalo Head nickel in NH13A (Figure 6.102). Designed by James E. Fraser, a sculptor who favored Native Americans, this coin was minted from 1913 to 1938 in Philadelphia, Denver, and San Francisco (Yeoman 1989:100). The composition was 75% copper and 25% nickel (Yeoman 1989:100). The portrait on the front of this coin used "features from the faces of Two Moons, Chief John Big Tree, and Iron Tail" (Schwarz 1980:257). The buffalo on the back was "modeled after Black Diamond in the New York Zoological Gardens" (Yeoman 1989:100). Treasury Secretary Franklin MacVeagh authorized the change of the nickel design from Lady Liberty to the Indian head in 1911. Fraser initially sought to create an Abraham Lincoln nickel, even going so far as "to prepare a very rough coin or medal showing the Lincoln head" but ultimately changed the motif to the Indian head and buffalo (Schwarz 1980:257). The design was approved in 1912, and the coin came into general circulation in 1913 (Schwarz 1980:257). In a letter to Treasury Secretary MacVeagh, Fraser wrote:



Figure 6.102. 1916 Buffalo Head nickel (NH13A).

The idea of the Indian and the buffalo on the same coin is without doubt, purely American and seems to be singularly appropriate to have on one of our national coins. You will see that the Indian is entirely

different than any that has ever been used on a coin. Most of the heads have been Caucasians with an Indian head-dress; in this case I have avoided using the war-bonnet and have made a purely Indian type” (Schwarz 1980:257).



Figure 6.103. 1907 Indian Head small cent (NH13B).



Figure 6.104. 1899 Barber Quarter (NH36C).



Figure 6.105. 1916 Barber dime (NH7A).

age, and as she stood for a moment wearing the novel head-dress, some one of the company made a sketch of the little maiden and her feathery cap, and in due time the design was engraved and used upon the coins, dies for which were then in preparation. Such is the story as told by a correspondent of a New York newspaper. Whether the tale is a true one the writer is unable to say; but certainly the device is far more appropriate to American coins than the conventional cap, which was originally given to the slave who had been freed by his Roman master, the awkward bonnet on our first gold coins, or the equally hideous turbans that so long disfigured the matronly heads on the silver pieces in the later years of the first half of the last century (Schwarz1980).

Charles E. Barber, who became chief engraver of the Philadelphia mint in 1879, designed two coins found at the site, the 1899 silver quarter in NH36C quarter (Figure 6.104) and a 1916 dime (NH7A) (Figure 6.105). Barber quarters and dimes were minted from 1892 to 1916 in Philadelphia, Denver, New Orleans, and San Francisco and consisted of 90% silver and 10% copper (Yeoman 1989:130, 117). James Kimball, the Mint director at the time, expressed his desire in 1887 for a change in the dime, quarter, and half-dollar. Kimball wanted to enlist outside

Excavators found two coins during the 2005 dig season, a 1907 Indian Head small cent from NH13B (Figure 6.103) and an 1899 Barber Quarter in NH36C. The Indian head small cent was minted in Philadelphia from 1859-1909, designed by James B. Longacre, and comprised of 88% copper and 12 nickel% (Yeoman 1989:85). Longacre had originally put this design on a limited number of three-dollar gold pieces from 1854-1889 (Schwartz 1980:168-169). Currency historian Ted Schwartz explained:

This design started with the head of Liberty and then decked her in an Indian headdress, a tiara, and other headpiece variations. The face of Liberty is apparently that of a Greco-Roman statue, assumed to be the Venus Accroupie, which Longacre had been using for his design model since 1849 (Schwartz 1980:168).

The 1906 *American Journal of Numismatics* published a competing narrative as to Longacre’s inspiration for the design; it stated:

The suggestion of the panache (i.e. “an Indian head with a feather head-dress, sometimes called a panache”) is said to have come from a visit of a delegation of Indians from one of the tribes of the North-west, who came to talk with the ‘Great Father’ in Washington; and while in the East they were taken to see the operations of the Mint. At the time, as the story is told, Miss Sarah Longacre, the daughter of the Mint engraver, was present while the chiefs and their followers were going through the building, and attracted the attention of their leader. In a mood of sportiveness he took his crown of feathers from his head and placed it upon hers. She was a child of five or six years of

sources for the designs of the new coins, but this desire undermined a previous law which required that, “coin designs... originate with the Mint” (Schwartz 1980:219). In order to circumvent this legal precedent, politicians passed a bill through Congress in 1890 that allowed artists outside of the Mint to be used for coin designs. There was much fanfare surrounding the new coins, including a contest for the new designs and the selection of ten of the top artists of the time to participate in the process. Ironically, these artists ultimately declined the opportunity to join the endeavor, explaining that the pay was insufficient and the deadlines were unrealistic for a quality design. As a result, the task of the new design fell back onto Mint designer Charles Barber. Critics found his design of Lady Liberty on the front and the heraldic eagle in a field of stars on the reverse (quarter and half-dollar only) to be adequate, functional, and of minimal artistic talent.

Both of the coins uncovered in 2017 were A-layer finds. The 1901 Liberty Head nickel came from NH42A, and the 1911 Lincoln small cent was recovered from NH33A. The Liberty Head nickel was distributed from 1883-1913, designed by Charles E. Barber, made of 75% copper and 25% nickel, and minted in Philadelphia, Denver, and San Francisco (Yeoman 1989:99) (Figure 6.106). Coin enthusiasts often called attention to this particular nickel for the consequences of its original production not containing the word “cents.” Schwartz (1980) explained that since a gold-hued five-dollar coin circulated at the same time with a face on the front and an eagle on the reverse, it was easy to mistake the nickel for the five-dollar piece—especially considering that neither contained the embossed word “cents.” An infamous conman named Josh Tatum took advantage of the confusion; he and a jeweler friend gold plated the Barber nickels in an effort to trick local merchants. Tatum repeatedly took his gold-plated nickels to a store, purchased a five-cent item, and waited to see if the cashier was paying close attention to the exchanged coin. The majority of the time, Tatum received his \$4.95 in change, and quickly vacated the premises. Although the police later arrested him for the scheme, he was never convicted because there was no law against gold plating coins. Technically, Tatum was not responsible for clerks who did not scrutinize the coins they were handed. Tatum received a warning for his shenanigans, and the Mint added the word “cents” to these nickels (under the large Roman numeral “V”) that same year. The lasting linguistic legacy of this episode was that Josh Tatum’s first name would be popularly linked in the American language with deviously joking around and fooling others—it would henceforth be known as “joshing.”

The 1911 Lincoln small cent (NH33A) (Figure 6.107, Figure 6.108, and Figure 6.109) was distributed from 1909-1958, designed by Victor D. Brenner, made up of 95% copper and 5% tin and zinc, and minted in Philadelphia, Denver, San Francisco, and West Point (Yeoman 1989:87). Often called the “coin of freedom” and “the emancipation coin,” the small cent (the formal name for the penny) became the most popular coin ever produced (Schwarz 1980:242). Part of the reason for the success of the coin was that many people were skeptical that it would continue in production for very long. Up to this point, no American president had ever before appeared on a coin made for regular circulation (Bowers 1979:243). In fact, Brenner, known as a die cutter and coin and medal designer, was initially commissioned to design a plaque and medal in Lincoln’s honor but insisted instead on a coin to commemorate 1909 as the 100-



Figure 6.106. 1901 Liberty Head nickel (NH42A).



Figure 6.107. Jamie Bastide holds the 1911 Lincoln small cent (obverse side to the camera) moments after discovery.



Figure 6.108. Jamie Bastide holds the 1911 Lincoln small cent (reverse side to the camera) moments after discovery.



Figure 6.109. 1911 Lincoln small cent (NH33A).

year anniversary of Lincoln’s birth (Schwarz 1980:243). As a result, these coins were thought to be a special edition as opposed to regular circulation.

There was a direct tie between the Lincoln penny and one of the recorded stories about Nate Harrison. John Davidson, in his article, “Place Names in San Diego County,” retold an account from Harrison friend and fellow Palomar Mountain old-timer W. C. Fink about his experience with Nate and this small cent coin, stating:

At the time the Lincoln pennies were minted, I gave [Nate] a bright penny and told him what Lincoln done for the slaves: he said, “I know about Abe Lincoln. I had my freedom long before that.” We knew that, for it was a subject he would not talk about (Davidson 1937).

Trademarked Rivets

During six seasons of excavation, the Nate Harrison site produced over 80 historical rivets. Although most of these metal clothing fasteners were unmarked, illegible, or completely sealed by rust, a handful of rivets retained manufacture markings such as “L.S. & CO SF,” “B.N. & L. L.A.,” “C G & CO,” and “PRINGLES.” The companies that created the rivets and clothing to which the rivets were attached were often closely datable. In addition, the historical background of these businesses frequently provided important context for the life and times of Nate Harrison.

Tailor Jacob Davis invented the first jean rivets when a laborer’s wife asked Davis if he could make her husband’s pants more durable. This request gave Davis the idea to place metal rivets at the highest parts of strain. Davis partnered on this endeavor with Levi Strauss, a dry goods merchant who sold Davis cloth he tailored. On August 9, 1872, Davis submitted his “Improvement in fastening pocket-openings” invention to the U.S. Patent and Trademark Office along with a description of the invention and a picture (Figure 6.110). His official description stated:

My invention relates to a fastening for pocket-openings, whereby; the sewed seams are prevented from ripping or starting from



Figure 6.110. Jacob Davis’s “Improvement in fastening pocket-openings” patent illustration.

frequent pressure or strain thereon; and it consists in the employment of a metal rivet or eyelet at each edge of the pocket-opening, to prevent the ripping of the seam at those points. The rivet or eyelet is so fastened in the seam as to bind the two parts of cloth which the seam unites together, so that it shall prevent the strain or pressure from coming upon the thread with which the seam is sewed.

Davis received his jean-rivet patent (#139121) on May 20, 1873. It expired in 1890, which allowed other manufactures to implement the use of rivets. Certain nuances regarding this expiring patent aided in dating various rivets. For example, while under Davis's 1873 patent, Levi's jeans rivets were labeled "L.S. & CO SF PAT May 1873." Following the 1890 expiration of the patent, the rivets were simply marked "L.S. & CO SF." Furthermore, in 1928 Levi's changed its registered mark from "L.S. & CO SF" to "Levi's®" (Anonymous, No date, "Our Company"). As a result, rivets labeled with "L.S. & CO SF"—like those found in NH92E and NH89C—have a well-confined production date range of 1890-1928.

Rivets with the markings of the Levi Strauss Company were not the only identifiable rivets discovered at the site. For instance, students found rivets with "B.N. & L.L.A." both in previous years and during the 2017 excavation (NH89A, NH92B, and NH93C) (Figure 6.111). The trademark "B.N. & L.L.A." was for the Brownstein, Newmark, and Louis Company in Los Angeles. Daniel J. Brownstein was a wholesale merchant and manufacturer in Los Angeles who, after retiring, partnered with Henry W. Louis and P. A. Newmark, to form the Brownstein, Newmark, and Louis Company (Press Reference Library 2011:508). Two years later in 1897, the company began producing a special line of clothing called "stronghold" overalls and also made "medal" brand trousers, overshirts, and "Saturn" skirts (Anonymous 1911:18). In 1911, Newmark retired from the firm and sold all his interests to Brownstein and Louis, leading the company to rebrand as "Brownstein-Louis Company" (Press Reference Library 2011:508). The rivet inscriptions changed to "B.L.C.," reflecting this transition. Therefore, all three of the excavated rivets from the Nate Harrison site that featured the trademark "B.N. & L.L.A." (including the "N" for Newmark) belonged to overalls or trousers produced between 1897 and 1911.



Figure 6.111. Rivet from NH89A with "B.N. & L.L.A." trademark.

Not all rivets were marked with jean company trademarks; some, like the four rivets labeled "CG&CO" found in NH86A, 89B, 96A, and 98B, were trademarked by the sheet metal companies that created the alloy (Figure 6.112). The trademark "CG&CO" represented the C. G. Hussey & Company, established in 1848 by C. G. Hussey. A pioneer in the Pittsburg metalworking industry, Hussey was best known for creating one of the first copper-smelting works for the Lake Superior area (Anonymous 1886:339). The February 1913 *Sheet Metal Magazine* included a "where to buy" index, which listed the C. G. Hussey & Company as a supplier of copper rivets, copper nails, and sheet metal (Anonymous 1913:42-45). C. G. Hussey & Company regularly supplied jean companies with brass rivets during the late 19th and early 20th centuries.

One of the more intriguing fabric-securing metal artifacts (NH90B) turned out not to be a rivet, but a button stud invented by Eugene Pringles. The flat side of the stud included the inscription, "PRINGLES PAT JULY 4, 1882" (Figure 6.113 and Figure 6.114). The U.S. Patent Office assigned this file date to Eugene Pringles' patent (#260411) for what he deemed as "a button for gloves." Pringles, then residing in Gloversville, New York, invented the detachable button that promised in his January 4, 1881 application to "provide means by which the detachable sections of the button may be readily united or detached from each other by simply pushing the parts toward each other or drawing them from each other without exerting any pressure on any part or adjunct of the button" (Figure 6.115). This 1882 glove-button patent was Pringles' first, but in the years to come he would invent and register over 20 different innovations, each of which involved buttons, button-setting machines, glove fasteners, and multiple separable buttons.



Figure 6.112. Two rivets from NH86A and NH89B labeled "CG&CO."



Figure 6.113. Pringles button stud from the side.



Figure 6.114. Pringles button stud from the front.

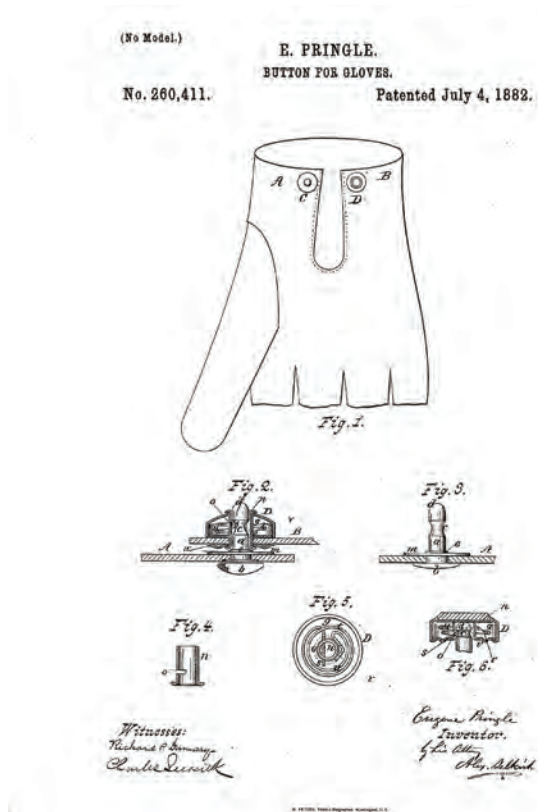


Figure 6.115. Eugene Pringle's "button for glove" patent illustration.

Stone Pendant (NH87H)

Student excavators uncovered a stone pendant in 2017, the first of its kind recovered from the Nate Harrison site. They found the artifact in one of the deepest layers (H) of a central patio-area unit (NH87). It came from a context 2.0' below the original surface level of NH87. Though archaeologists at the Nate Harrison do not piece plot artifacts due to the rigorous spatial control that resulted from digging 5.0' square units in 0.3' natural layers, the excavators in this unit nonetheless noted that they uncovered the pendant on the east side of the unit near the east wall. It was in the final layer of the unit as NH87H transitioned to subsoil.

The cylindrically shaped stone pendant was 1.55" (40mm) long and 0.4" (10mm) in diameter (Figure 6.116 and Figure 6.117). It had a bi-conically drilled hole near its top, assuming the edge with the slightly larger circumference was the top. On the inside of the hole and along the top of the stone artifact, there was evidence of wear, indicating that strung material was threaded through the hole. The hole was drilled from both sides as the dualistic hole narrowed to the center from each side. The drilling was most likely done by hand with stone tools as the striations were uneven.



Figure 6.116. Stone pendant photographed from the front.



Figure 6.117. Stone pendant photographed from the base.

According to Dr. Vic Camp, Petrologist and Lecturer at San Diego State University's Geology Department, the pendant was made out of a garnet-bearing green stone. During his analysis, he identified flakes of mica and a green schist or garnet. The original stone, before a metamorphism occurred, was a basalt. Basalt was found locally on Palomar Mountain around the area of excavation, along with sands, silts, and clays (Mann 1955: Map). Indigenous pendants in the region varied greatly in source material; examples have been found made of many different stones and clays, shell types, animal bone, and, in later contexts, glass (White and Fitt 1998: 232). Archaeologists have yet to construct a comprehensive typology or chronology for pendants in the region as many of these items are unique and highly personalized, thus resisting simple trait condensation and regular change over time and space.

Both Richard Carrico, an American Indian Studies lecturer at San Diego State University and archaeologist, and Hank Koerper, Vice President of the Pacific Coast Archaeological Society, confirmed that this stone artifact was a pendant typically used for ornamentation either on clothing or as necklace jewelry. Phillip White and Stephen Fitt noted two additional ways that the indigenous population used pendants (1998). They specified that pendants were often used to hold men's waist cords and could also be used as piercing jewelry. Koerper also mentioned that pendants were often thought to have been imbued with good luck.

Projectile Point (NH96B)

Excavators working in the southern extreme of the current patio-area excavations uncovered a small stone projectile point in NH96B (Figure 6.118). The point was unbroken and serrated with a concave base; it was commonly referred to as "Cottonwood Triangular point." Approximately 0.8" (20mm) in length and black in color with a tinge of green, the point was made of basalt (Figure 6.119). This type of metamorphic rock was common for this area of Southern California. SDSU geologist Eric Frost found that Santiago Peak—the southern peak of Orange County's Saddleback formation, which is part of the Santa Ana Mountains—consisted of a band of basalt. This metamorphic rock ran from Orange County, California to Baja California and dated to the Jurassic/Cretaceous time period. Since the projectile point at the Nate Harrison site was most likely made from this metamorphic basalt band, it was assumed that the artifact was derived from a local source but not made from rock found on Palomar Mountain. During his analysis, Dr. Frost identified a small white rectangle on the top of edge of the arrow point, which he identified as a porphyroblast, a crystal larger than the grains of a metamorphic rock with a euhedral form (Figure 6.120). The term "euhedral" referred to crystals that had sharp and well-defined edges or faces and were formed early in the rock chronology.



Figure 6.118. Shelby Jenkins holds the Cottonwood Triangular point that she just uncovered in NH96B.

Cottonwood Triangular points dated to circa A.D. 1000, coinciding with the time when Native Americans in the western U.S. had widely adopted the bow and arrow (Justice 2002). These points were typically small in size, lacked a stem, and had straight edges with a concave base (Waugh 1988). Cottonwood Triangular points were first detailed by Riddell (1951) and were commonly found in San Diego County (Waugh 1988). The typical description

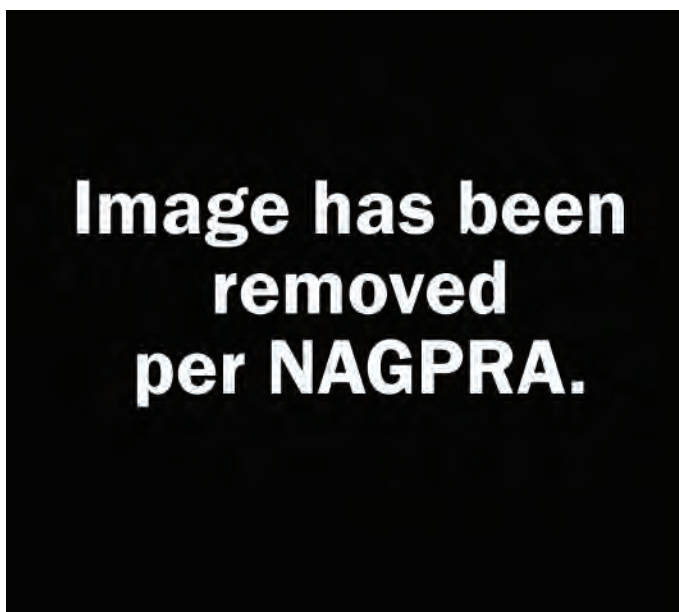


Figure 6.119. The Cottonwood Triangular point made of basalt.

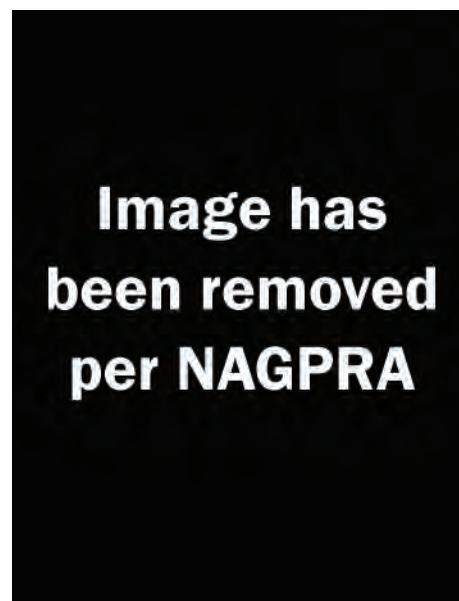


Figure 6.120. A close-up of the point revealed a porphyroblast crystal.

of this type of point included straight edges, which was not consistent with the serrated-edge point found at the Nate Harrison site. Scholars have yet to determine if physical variation of these points was connected to cultural, spatial, or temporal differences (Waugh 1998). Projectile point studies at sites with large samples identified a correlation between broken points being used in the hunt and unbroken points being offered as gifts (Blanton et al. 2001:5). This could have been the case with the Cottonwood Triangular point uncovered at the Nate Harrison site, as it did not appear to have been repeatedly fired and thus damaged.

However, singular artifacts—like the stone pendant and the Cottonwood projectile—often raised as many research questions as they answer. Harrison’s deep ties to the local Luiseño population were well documented. He lived on their ancestral lands, was allowed to build a dwelling and homestead on territory they still actively used, married two different native women, was baptized Catholic by a Rincon chief, and spoke a variety of Indian dialects. Rather than engage in a debate as to exactly how the lone pendant or isolated projectile point ended up at the site (e.g., gift, purchase, visitor, residue from previous activity, etc.), these distinct items could be seen in terms of the relationships they embodied between Harrison (as primary resident of the site during the period which produced the refuse being excavated) and various Luiseño people that were valued and integral members of his community.

Horseshoes, Saddle Parts, and Other Horse-Related Artifacts

Student excavators uncovered pieces of 10 different horseshoes and numerous saddle parts from the Nate Harrison site from 2004 to 2017 (Figure 6.121). The shoes, consisting of two complete specimens and eight fragments, were severely rusted and damaged (Figure 6.122). Without extensive conservation, it was impossible to locate and identify any sort or maker’s mark. The smaller saddle-related items include a variety of buckles, rings, and ornamentations. Many of these horse-related artifacts had broad date ranges and were not easily tied to specific decades. Nonetheless, this entire sub-assembly offered numerous insights into Nate Harrison’s daily life on Palomar Mountain during the late 19th and early 20th centuries.

The horseshoe was a protective device that served as a barrier to prevent damage to the animal’s hoof. Since the horse hoof was the equivalent to the human toenail, exposure to wet or rocky conditions made it prone to breakage. The horseshoe was a reinforced rim that attached to the horse hoof to prevent excessive wear and damage, especially when the animal was engaging in arduous activities (Morris 1988:2-3). Traditionally and most commonly constructed of iron, horseshoes were also made of other metals like brass, copper, silver, steel, and aluminum



Figure 6.121. Alexia Landa uncovers a complete horseshoe just outside of the original doorway of the Harrison cabin.



Figure 6.122. The shape of this horseshoe from NH2B suggested that it was made from 1850-80.

as well as non-metal substances like rubber, plastic, compressed paper, and leather (Morris 1988:2). Farm and ranch owners regularly opted to provide this sort of hoof protection for their domesticated horses as these animals were critical to economic prosperity in rural and agricultural societies. Despite the benefits of a horseshoe, not all horses needed to be shod. The decision to shoe a horse was usually dependent on a variety of economic, geographic, and labor-specific factors. Shoeing a horse was an added expense that was unnecessary in some circumstances. For example, dry and soft terrain warranted minimal horse-hoof maintenance. In addition, horses that seldom engaged in hard labor often went without shoes.

In general, there were three types of horseshoes available during Nate Harrison’s lifetime: regular shoes, seasonal shoes, and special shoes. Regular shoes were everyday horseshoes, seasonal shoes were designed for use in harsh conditions (e.g., mud, snow, and ice), and special shoes were designed to be corrective (Morris 1988:31). The most common, cheapest, and easiest-to-make horseshoe was a flat and regular shoe colloquially known as the “Plain Jane” (Morris 1988:31). The horseshoes uncovered at the Nate Harrison site all showed characteristics of the “Plain Jane” style; excavators found no seasonal or special shoes. The dearth of more elaborate horseshoes suggested that Harrison did not use his horses to pull great loads or have the financial means to procure expensive horseshoes.

Wear patterns on the horseshoe fragments uncovered at the Nate Harrison site suggested that these items were deposited and disposed of after being heavily worn. Furthermore, the majority (six of eight) of these fragmented shoes were generally located further away from the cabin entrance. Archaeologist Rick Morris asserted that, “Extremely worn horseshoes and fragments of horseshoes will end up in the garbage area of the blacksmith shop” (Morris 1988:47). While Nate Harrison had no formal blacksmith shop on his patio, this spatial distribution suggested that the area furthest from the cabin entrance was a primary disposal spot.

The two intact horseshoes both showed signs of heavy use. The shoe from NH7A had visible signs of wear along the toe, while the other from NH2B evinced heavy wear along the shoe’s branches and margins. Though none of the historical photographs of the west face of Harrison’s cabin depicted a mounted horseshoe above the doorway, it was worth noting that the only two complete horseshoes were found adjacent to the dwelling’s lone entrance

and were not associated with the majority of horseshoe fragments on the west side of the patio. The very small sample size prevented any definitive conclusions on the secondary use of these complete horseshoes, although there was substantial historical literature on the widespread 19th- and early 20th-century practices of hanging an iron horseshoe as an amulet to ward off evil spirits (Loudon 1836:157; Anonymous 1900:185). The high value of iron meant that a new and unused horseshoe would not likely be placed above a doorway; furthermore, a horseshoe would only become a symbol of luck if the shoe was discarded but still complete. Therefore, these complete yet used horseshoes might suggest a later symbolic use at the site (Morris 1988:28).

Blacksmiths continued to produce handmade horseshoes even after the development of the first horseshoe-making machine in the 1850s (Morris 1988:27), and it was likely that a blacksmith made the horseshoes that archaeologists found at the Nate Harrison site. Five distinct characteristics indicated the method of manufacture for horseshoes. Morris noted that the first characteristic was the “crispness of the shape, evidence of repeated hammer marks, the fullering size, nail holes, and the makers mark” (Morris 1988:30). Of all of these diagnostic characteristics, the only trait visible through the rust on the excavated horseshoes was the nail holes. Whereas human-fabricated horseshoes had asymmetrical nail holes that were placed along the outer edge of the fullering, machine-made horseshoes had symmetrical and evenly spaced nail holes (Morris 1988:29). Horseshoe fragments from NH93D, 32B, and 99C each had asymmetrical nail holes along the outer edge of the fullering, indicating that they were human-fabricated (Figure 6.123, Figure 6.124, and Figure 6.125). Over the past six field seasons, excavators found multiple horseshoe nails at the site (NH1A2A, 5C, 7A, etc.) (Figure 6.126).



Figure 6.123. Note the asymmetrical nail holes along the outer edge of the fullering on this horseshoe fragment from NH93D.



Figure 6.124. Note the asymmetrical nail holes along the outer edge of the fullering on this horseshoe fragment from NH32B.



Figure 6.125. Note the asymmetrical nail holes along the outer edge of the fullering on this horseshoe fragment from NH99C.



Figure 6.126. A horseshoe nail from NH1A.

None of the archaeologically recovered horseshoes showed evidence that the horses had freed themselves of the shoes. When a horseshoe was dislodged without being physically pulled by a farrier, the horseshoe nails and clinch would remain intact. Morris noted that, "It is very unlikely to find separate from the horseshoe used nails with the clinch still in place" (Morris 1988:63). Since there were no horseshoes at the Nate Harrison site with a nail or clinch in place, it was most likely that Harrison or someone else pulled the horseshoes from the horse's hoof.

Student excavators at the site also uncovered a variety of horse-related rings, nails and buckles. Brittany Nicole Lucero, associate archaeologist for California State Parks and experienced equestrian, confirmed the identification of each of these items. She noted that the ring from NH34B would have been used to connect the cinch to the girth under the horse or as rigging on other parts of the saddle (Figure 6.127 and Figure 6.128). Likewise, many unearthed buckles were likely part of a bridle (NH41A) and saddle (NH8B) (Figure 6.129). It was worth noting that none of the 30 contemporary photographs of Nate Harrison showed him wearing a personal belt or individual buckle of any kind; he usually wore suspenders or no belt at all. The many small buckles seemed to have been from his horses as opposed to his own wardrobe.

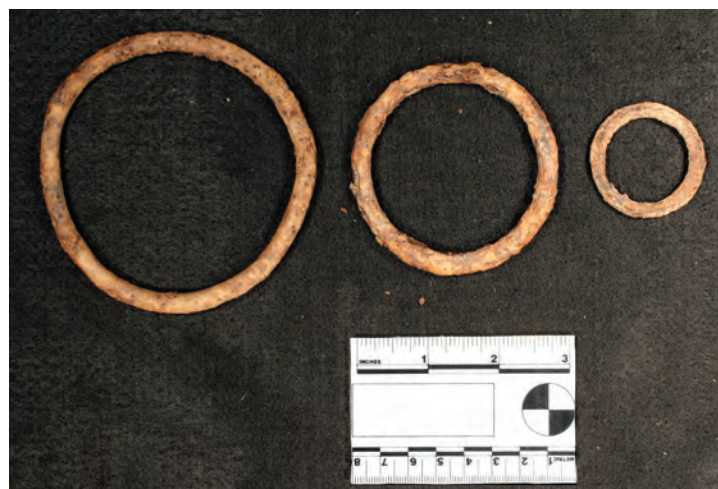


Figure 6.127. The 1 1/2" ring is from NH34B, the 3" ring is from NH8A, and the 4" ring is from NH31B.

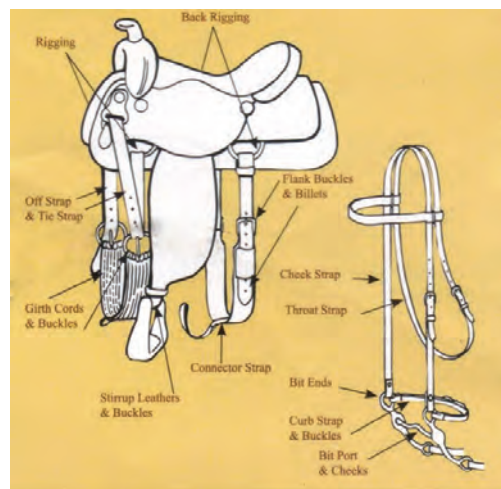


Figure 6.128. This diagram of a saddle and its associated parts included numerous rings and buckles recovered from the Nate Harrison site.



Figure 6.129. This sample of buckles from the Nate Harrison site included Row 1 (left-to right) finds from NH14G, 88B, 89B, 89A, 96B (2), 89D, and 11A, Row 2 (l-r) NH23A, 41A, 11A (2), 22B (2), and 15D, and Row 3 (l-r) NH3A, 37D, and 88B.

Three circa 1900 photographs from the San Diego History Center showed horses pulling carts and adorned with the rigging held together by leather straps and rigging (Figure 6.130, Figure 6.131, and Figure 6.132).



Figure 6.130. Early 20th-century photograph of horse with rigging (Courtesy San Diego History Center).



Figure 6.131. Early 20th-century photograph of horse with rigging (Courtesy San Diego History Center).



Figure 6.132. Early 20th-century photograph of horse with rigging (Courtesy San Diego History Center).

The Saturday-only Spring 2017 field school took a trip to visit the Valley Center History Museum on April 29th to see their new exhibit on Nate Harrison and their other display items. The museum staff graciously gave the entire class an extended tour. Many of the Valley Center History Museum exhibits had a directly tie to the Nate Harrison Historical Archaeology Project, and the students were able to make important connections with what they had found weeks earlier. Of note were multiple exhibits containing historical artifacts relating to horses, including examples of many buckles and rings used in association with rigging (Figure 6.133)

The recent excavations also produced many small star-shaped spur rowels in and around the cabin and patio areas (Figure 6.134). A rowel was the sharp-toothed wheel inserted into the end of a spur's shank; it formed the extremity of the spur and was the portion that jabs the animal's flank. Each of these iron items measured 3/4 " in height and length, consisted of a five-pointed star, and contained a small hole in the center.

Further historical research indicated that these artifacts were part of the "O.K. model working man" spurs (Manns et al. 1997). This utilitarian label emphasized that these items were far from ornate; they were everyday tools for cowboys who rode horses and rarely removed their spurs. William Forbis noted that, "Most American's shunned Mexican spurs, with their spiky rowels, and used models like the OK, with rowels filed down to avoid scouring the pony's flanks. The plainest type was a work spur, with a gentle star-shaped rowel" (Forbis 1973: 25). Nineteenth-century spur types often reflected the areas in which they were made; the Texas style that dominated Texas, Colorado, Kansas and Oklahoma were cruder while the California style of California, Nevada and Oregon were much gentler. Custom-made spurs became the norm in the West in the 1880s, intimating that the rowels found at the Nate Harrison site were either cheap and outdated or of an earlier time period.



Figure 6.133. This Valley Center History Museum exhibit on the local racehorse “Lady’s Secret” included many rings and buckles with parallels at the Nate Harrison site.



Figure 6.134. These three spur rowels were from (top to bottom) NH88E, 88D, and 88D.

The historical records frequently referred to horses in conjunction with Nate Harrison. Over a dozen different accounts mentioned his ownership of horses, standard sale price of \$150, ability to tame wild stallions, favorite white horse, injuries from being thrown, and the fate of his herd. Perhaps no narrative better revealed the importance of his horses than Robert Asher’s following account of how Harrison almost lost his property but was able to re-acquire it through influential friends and the sale of a horse. Asher wrote sometime between 1932 and 1950:

I once found Nate in tears [in 1913]. Mr. [Bentley] Elmore had sent me in to ask permission to make our road camp on the flat south of Nate’s house. Nate said it would be all right and then told me about his present trouble. Nathan Hargrave had been down to see him and had told him that he had bought Nate’s place at a tax sale but that Nate could stay if he wanted to. Nate said that he couldn’t understand how Hargrave could buy the place if he, Nate, didn’t want to sell. And he didn’t want to sell ever, complained Nate.

[Harrison said,] “After I go I want my daughter to have it.”

I inquired about the daughter, it being the first time he had ever said anything about a daughter, or even having been married. He said that the daughter was a trained nurse and lived in New York City. I next inquired about the matter of unpaid taxes. Nate contended that he had always paid the tax whenever anyone asked him for the money. I asked him if he remembered when he last paid over any money for the taxes. He said, maybe last year or the year before. I asked him if he was sure it hadn’t been six years or more. No, it couldn’t be that long since he had given money to Sparkman the last time he saw him, and nobody had asked for money since then. He said that Major Utt, of Agua Tibia, used to pay his taxes for him, and then he would pay the money to Major Utt the first time he would see him. After Major Utt died, Phillip Sparkman had been paying his taxes for him. I hadn’t realized up to that moment that it had been fully six years since Sparkman’s murder, but a quick calculation brought me to a realization of that fact, and the probability that Nate’s taxes had gone unpaid for six years and that therefore Hargrave had obtained title by bidding in the property at the last tax-delinquent sale.

I explained as best I could to Nate, but he was inconsolable. I calmed him a bit by promising to do what I could for him. I did speak to Elmore about Nate’s dilemma, and Elmore became quite indignant.

He thought Hargrave incapable of doing such a thing. Later in the day, when Elmore came in for dinner, he said that Louis Salmons had just passed by, and that he had told Louis about Hargrave having bought the place over Nate's head and that Louis had gone right up into the air. He added that he thought Louis was going to take the matter up with his brother Frank [Salmons], and that Frank would speak to his partner, Congressman [William] Kettner, and that Kettner would do what he could for Nate in Washington [D.C.]. A couple of weeks later I was told that Hargrave had bid in the Negro's property for the sum of twenty-eight dollars.

Still later I heard that Nate had given one of his horses to Hargrave and that Hargrave had agreed to deed back the title to Nate. I can testify to the fact that Hargrave did deed back the property in accordance with the agreement.

This lengthy passage ended with the important observation that Harrison paid off Hargrave with one of his horses. Nate's horses seemed to be one of the only sources of alienable wealth for him during this time. He had few other material possessions and was often compensated for his labor with food. In addition, neighbors and visitors regularly sustained Harrison with various offerings. Not only were his horses a source of viable income, Harrison was encouraged by his friends to keep his prices high (\$150). Furthermore, he insisted on gold for the horses in order to buffer himself against an environment in which money was scarce and food was often traded for labor. Gold had long been, and remains today, a most reliable universal equivalent, especially in comparison to paper money and perishable goods. In a community heavily influenced by gift exchange, short on money, and rife with trades for services, the horses were one of Harrison's most important assets; in this particular instance, these equine commodities ended up saving his homestead.

Cans and Tins

One of the most prevalent artifact types uncovered by students in the spring of 2017 was metal cans and tins. The crew found 151 vessels and 251 fragments (Figure 6.135). Many of these artifacts had a maker's mark or took a distinctive shape that enabled opportunities for additional research insight.

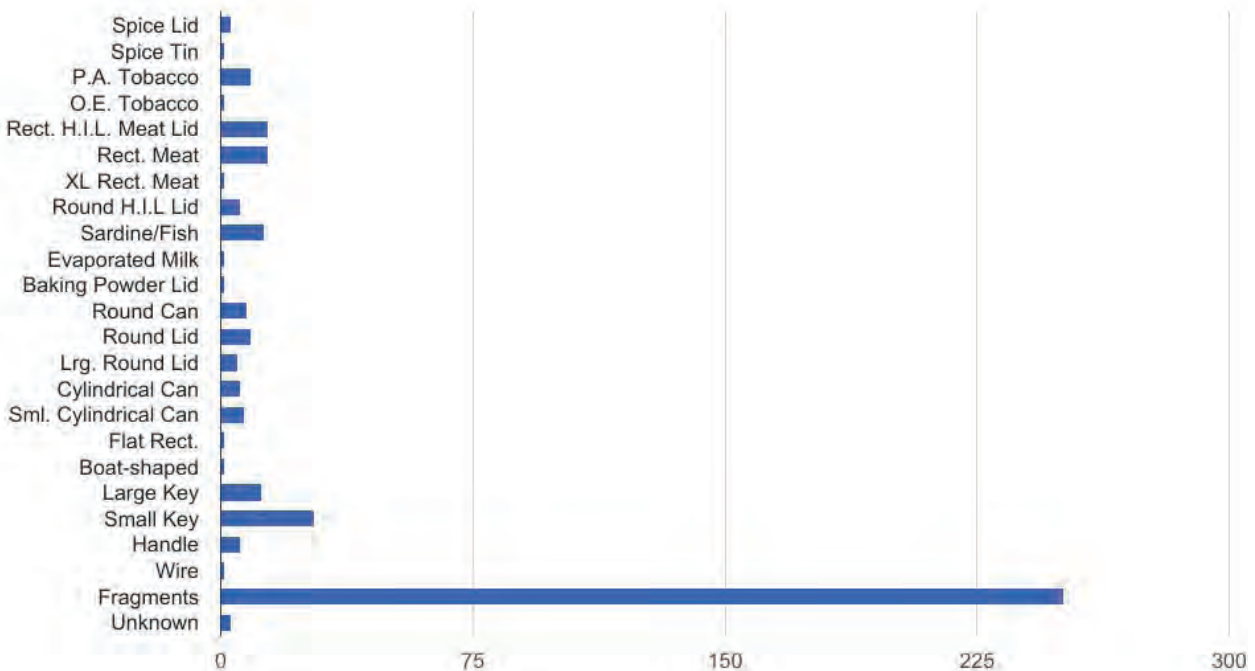


Figure 6.135. Bar graph of inventory for cans and tins recovered from the Nate Harrison site in Spring 2017.

KC Baking Powder Lid (NH93B)

In NH93B, excavators discovered a heavily corroded metal lid with faint traces of pressed markings from the manufacturer that read: “KC Baking Powder, “Satisfaction Guaranteed”, “25 CTS” and “25 OZS” (Figure 6.136 and Figure 6.137). The Jacques Manufacturing Company, based in Chicago, Illinois, originally produced KC Baking Powder (Anonymous 1916: 45). In 1950, the Clabber Girl Corporation purchased The Jacques Manufacturing Company; Clabber Girl continues to produce KC Baking Powder. Throughout the history of KC Baking Powder, company marketers published “The Cook’s Book,” a compendium of recipes, cooking insights, and information that not-so slyly emphasized KC’s superior baking powder formula in comparison to its rivals (Figure 6.138 and Figure 6.139: Book cover and inside advertisement). The 1916 edition of “The Cook’s Book” contained a full-page advertisement for KC Baking Powder on its first page; the can in the center of the ad had a lid that was very similar to the one recovered archaeologically from the Nate Harrison site.

Baking powder manufacturers engaged in a bitter dispute starting in the 1880s regarding the quality and safety of their ingredients (Morrison 1907). Traditionalists, like KC Baking Powder, insisted on using cream of tartar, which was more expensive yet also less effect at leavening. Non-traditional companies used aluminum-phosphate, a newer compound. So enraged by this chemical addition were companies like KC Baking Powder that they joined forces with other cream-of-tartar peers to lobby Congress for a law that banned the use of aluminum-phosphate as poisonous and dangerous to the stomach; they even suggested that it was linked to malarial outbreaks (Morrison 1907). These Baking Powder Wars only intensified in the early 1900s when the Jacques Manufacturing Company and other tartar loyalists, like the Royal Baking Powder Company, attacked other companies (Calumet Baking Powder Company in particular) for using egg whites in their products; they claimed that it was just as dangerous as aluminum-phosphate (Figure 6.140: KC ad). Many of the companies involved in these highly publicized debates produced lengthy documents refuting the claims of their rivals. One of Calumet’s refutations was over 200 pages. Although each of these baking powder companies has undergone multiple changes in ownership, the parent companies—Kraft, Nabisco, and Clabber Girl—are still market rivals.



Figure 6.136. Photograph of KC Baking Powder lid. The oblique angle of the photograph enabled shadows to form along the embossed edges of the lid.



Figure 6.137. Line drawing of KC Baking Powder lid.

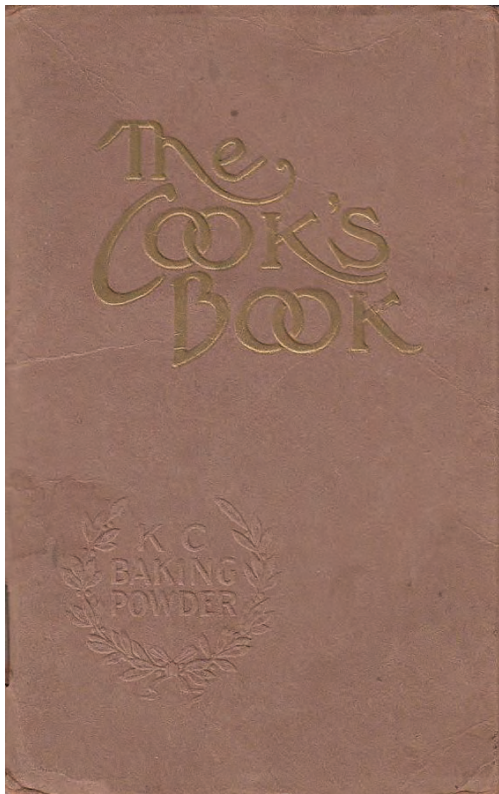


Figure 6.138. The cover of the K.C. Baking Powder Cookbook.

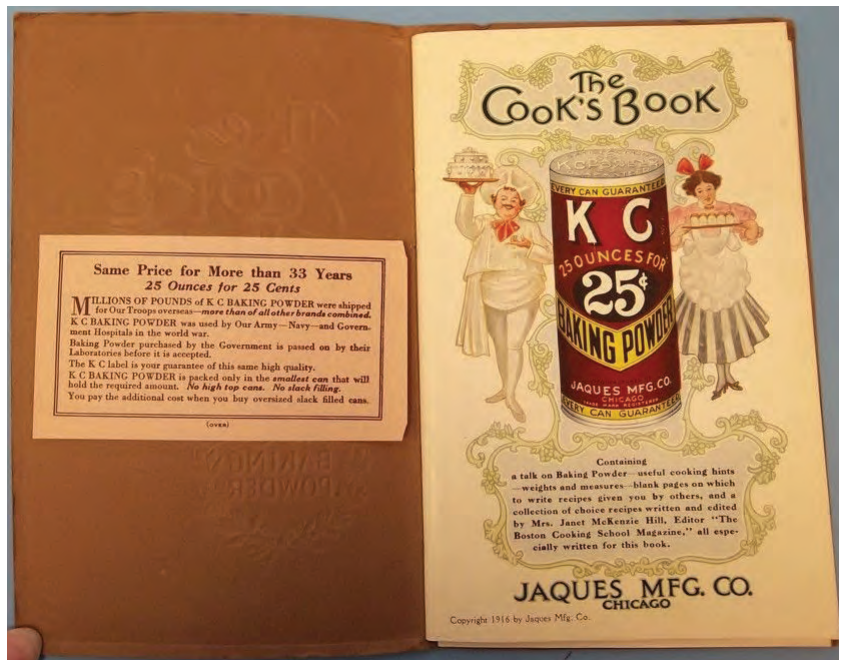


Figure 6.139. The inside cover and opening advertisement of the K.C. Baking Powder Cookbook.

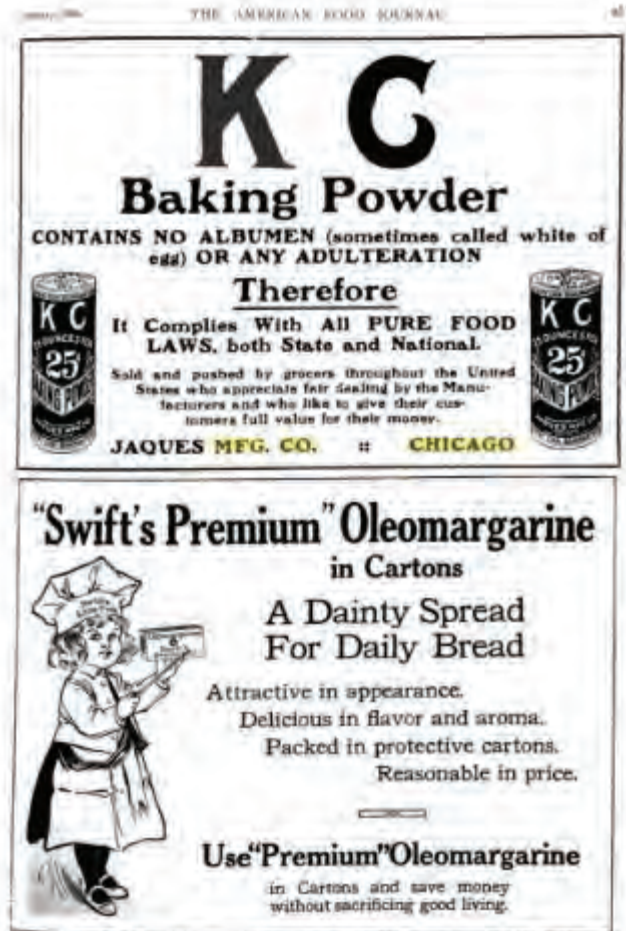


Figure 6.140. This advertisement for K.C. Baking Powder insinuated that rival brands were impure and illegal.

Old English Tobacco Tin (NH92B)

Excavators working in NH92B found a distinctively shaped tin that was originally designed to hold “Old English Curve Cut Pipe Tobacco” (Figure 6.141) Intentionally shaped to be slim enough to fit into a pocket, the tin was hinged with a compact design. Though flat when student archaeologists uncovered it, the tin in its original form would have had a curved shape that paralleled the curve cut of the tobacco, a distinctive trait of Old English Tobacco (Figure 6.142). Produced by the American Tobacco Company, Old English was marketed in a 1921 issue of “Retail Tobacconist” as “sliced plug cut tobacco.” Plug tobacco was a rectangular bar of heat-compressed tobacco, which ensured a longer period of moistness, and thus freshness, for the user. The inside of the Old English Tobacco tin instructed the smoker on its use, specifying the manner in which the tobacco was rolled and packed into the pipe (Figure 6.143).



Figure 6.141. This heavily corroded tobacco tin had vestiges of its original painted “Old English” label.



Figure 6.142. An image of how the tin would have originally looked.



Figure 6.143. The inside of the Old English tin would have had explicit instructions on how to use the tobacco product.

In 1890, the nation’s top four tobacco companies—W.S. Kimball, Allen & Ginter, Kinney Bros., and Goodwin—merged into a single entity, the American Tobacco Company (A.T. Co.) (Anonymous 1914:19). By the turn of the 20th century, the A.T. Co. owned over 200 brands and produced over three-quarters of tobacco products (cigarettes, smoking tobacco, plug tobacco, and snuff) in the U.S. (*Encyclopædia Britannica*, 2017, “American Tobacco Company”) (Figure 6.144 and Figure 6.145). In so effectively cornering the tobacco market, the A.T. Co. was convicted of violating the Sherman Antitrust Act in 1907; four years later the corporation was dissolved into five smaller companies, one of which was a significantly smaller version of the A.T. Co. (Brandt 2009).

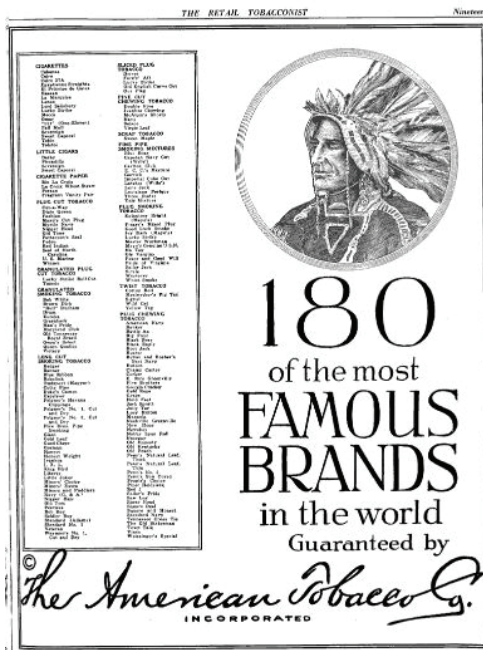


Figure 6.144. An early 1900s advertisement for the American Tobacco Company.

Prince Albert Tobacco Cans (NH87B, 89D)

During the spring of 2017, students uncovered two confirmed Prince Albert tobacco cans on the basis of their painted labels and seven others that were of nearly identical shape, size and related features (Figure 6.145). Since they all had hinged lids with no front notches, these items dated from 1909-1938. All Prince Albert tins produced after 1910 had the signature “Crimp Cut” slogan at the base of the label design. Crimp cut tobacco was a finer form of granulated cut tobacco. Both crimp and granulated cuts had irregularly shaped flakes that resulted in air pockets when packing tobacco into the pipe. It was this air that purportedly produced the longer and cooler smoke (Anonymous 1921:19) (Figure 6.146).

The R.J. Reynolds (RJR) Tobacco Company, founded in 1875, began its production of Prince Albert tobacco in 1907. The American Tobacco Company bought out RJR in 1890, but RJR became a stand-alone company once again in 1911 following the dissolution of the A.T. Co. in 1911 (Anonymous 1979). Following the anti-trust resolution, RJR was the smallest of the former A.T. Co. companies. As a result, it focused efforts on the market of plug and twist cut tobacco. Reynolds used cheaper white barley tobacco as the base of Prince Albert’s blend, though he personally viewed it as an inferior variety and had previously sworn against it. He would later use white barley again in 1913 for Camel cigarettes, which was R.J. Reynolds’ first successful bid to compete in the cigarette market (Elliott, No date). Prince Albert tobacco advertised its product on each tin as the “national joy smoke” and



Figure 6.145. These two Prince Albert cans (NH87B (left) and 89D (right)) are oriented in opposite directions; the left can faces forward, and the right faces backward.

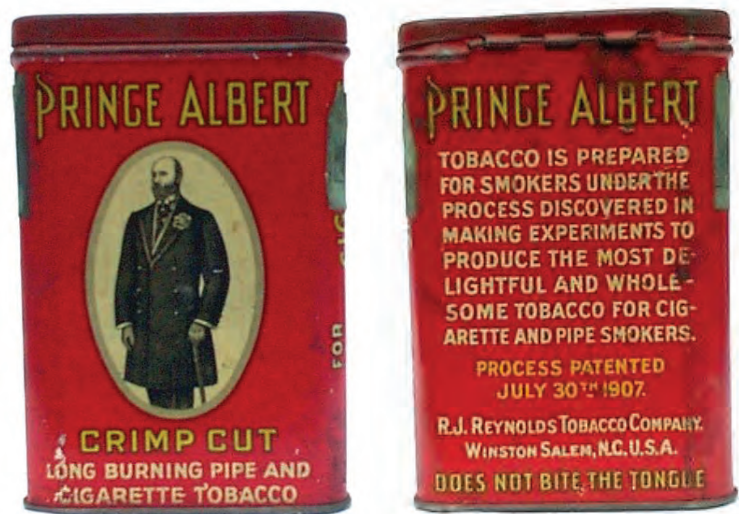


Figure 6.146. Complete examples (front and back) of Prince Albert tobacco cans from the early 1900s.

claimed one that “does not bite the tongue” (Wessler, No date). By 1912, Prince Albert had already claimed 15% of the U. S. pipe tobacco market. It is still in production today as one of the most common brands of pipe tobacco.

Sardine/Fish Cans and Keys (NH87D, 88E, 89D, 98C)

During Spring 2017, students unearthed 13 cans commonly associated with storing sardines and other small types of fish and 12 large canning keys. In fact, several of these keys were found with the metal lid from their associated can still wrapped around them (Figure 6.147). Many keys, cans, and lids were uncovered during the 2004-08 summer field seasons as well.

As discussed in the fourth technical report (Mallios et al., 2007), the meat-can industry grew out of colonial and military necessity. In 1795, the French government created a contest for the design of a food preservation method that would provide a reliable food source for their military and seafarers. In 1804, Nicolas Appert began testing the method of canning foods, which involved tin cans sealed with a hand-soldered lid. Six years later, he won the 12,000-franc prize with his new patented method. Following this, Appert and others soon began to refine canning techniques. Canning methods continued to be improved in the following decades. In the early 1820s, vegetable cannery owner Pierre-Joseph Colins developed the canning method that would become most prominent for sardines.

Sardines were not a species of fish, rather it was a broader moniker for all small, young, silvery, oily-fleshed fish whose heads, tails and innards were removed (Barksdale 2014). They were most commonly stored in small, rectangular cans with either oil, water, tomato, or mustard sauces. Sardine cans are packaged with a key made out of long, wiry pieces of metal that is used to wind up the lid of the can. Soon after developing the technology, Colins opened over 30 factories to produce sardines using this method, which would then spread to fishing economies around the world.

The Eagle Preserved Fish Co. brought sardine canning to the U.S. in 1875 when it opened a plant in Maine. By 1889, the industry had made its way to the West Coast in San Francisco. When the Golden Gate Packing Company closed in 1893, the canning equipment was sold to the Southern California Fish Company, based in San Diego until 1909 (Euber and MacCall 1992). In 1907, the Neptune Seafood Company opened and originally began as a sardine cannery, but later expanded to tuna and albacore in 1909. By 1915, California had built a reputation for sardine production that rivaled the quality associated with French sardines. With the onset of World War I, the U.S. government dictated that canneries increased sardine production to sustain American soldiers in Europe. Subsequent overfishing rendered California devoid of sardines by the 1950s; the region has only recently recovered (Euber and MacCall 1992).



Figure 6.147. These five sardine keys (from left to right: NH87D, 98C, 88E, 89D (2)) have the lids of the sardine cans coiled around them as a result of the winding process necessary to open the container.



Figure 6.148. The bail recovered from NH89D still contained one of the two bail ears that would have been originally present.

Bucket Bail (NH89D)

Students recovered four long wire bails, or handles, from various patio-area units. The bails recovered ranged in length between 12.4" and 17.7". Each bail retained a simple rounded semicircular arc, to varying degrees, depending on the overall condition of the artifact's preservation. The bail recovered from NH89D was 13.8" and maintained an almost perfectly rounded arc compared to the others (Figure 6.148). Each end of the bail terminated in a straight 0.2" tip, bent once at 135 degrees from its termination, back towards the bail creating a 45-degree angle. This termination would have rotated along the interior of the ears to which the bail connects, as the handle was designed to move with use. The bail ear was a circular piece of metal, curved to be flush with the edge of the tin's walls and projecting in a convex manner from its lateral attachment on the walls. Each bail was attached directly opposite the other, allowing for

balanced weight distribution when the tin was suspended by its handle. A single hole in the center of the ear allowed for the reception of the bail, such that the notched end maintained the mobility of the bail while simultaneously ensuring that the bail did not separate from the ears.

The lack of deliberate bending or manipulation in the bail's arc, with exception of the notches for connection to the tin, indicated a more simplistic design, like the one seen in John Bocke Jr.'s 1871 design patent of a lard pail (US D4837 S). His innovation contained a smaller pail opening and a larger base, which caused the walls to flare slightly. A similar handle with the bail holder was featured on the early 1910's variation of Liggett & Myers Company's Tip Top Tobacco pails, which contained long cuts of burley tobacco for smoke and chew (Anonymous 2016 "Tip top tobacco pail"). This pail featured parallel walls and identical lid and base dimensions. Therefore, the bail uncovered in NH89D might have belonged to a tin containing either lard or tobacco.

The remaining three bails either no longer had their ears or never had them. The difference between these bails and the one previously described was the angle at which the termination was bent. Unlike the 45-degree angle created in NH89D, the remaining bails were bent 100 degrees creating an 80-degree notch. This difference suggested that each termination of the bail was inserted directly into the wall of the tin without the use of ears. The difference in length, as well as the angle of notches, possibly indicated different brands or contents, as even the smallest details in the handles alone, were likely unique to a specific company or product (Moore et al., 1915).

Condensed Milk Can

Condensed milk cans differed from evaporated milk cans in that the thick consistency of condensed milk required the partial or complete removal of the lid in order to remove contents (Anonymous 1857). The can unearthed during the Spring 2017 field season contained a hole-in-cap closure, which was common until World War I, and crimped side seams which were introduced in 1883. Hole-in-cap closures consisted of a filler hole in one end of the tin, sealed with a tin-plate cap that had a pinhole vent in the center that allowed for the escape of steam as hot food was canned (Anonymous 1860). After filling, the vent was sealed with a drop of lead solder. This closure became common because it prevented swelling or bursting that had previously occurred in canned foods when the immediate sealing of cans trapped steam, increased internal pressure, and caused can failure. The can from this past season contained no embossing on the lid, and thus, was not a sanitary can. Sanitary cans were invented in 1904 but did not dominate the market until 1911. Therefore, this condensed milk can was produced between 1883 and 1911.

Gail Borden patented a new process of preserving milk in 1856 (US 15553A). He invented a vacuum boiler to prevent milk spoilage by canning it in a vacuum; as a result, atmospheric contact did not contaminate his milk. Borden was aware that various methods of evaporating for condensation had been invented; likewise, the process of using sugar to preserve milk was patented as well. His invention was unique in that Borden placed an emphasis on completing evaporation and condensation without the milk ever being exposed to air.

As a result of his invention, the cost of obtaining preserved milk decreased, allowing greater access to this liquid. Borden founded the New York Condensed Milk Company with Jeremiah Milbank in 1858, creating a product that, under certain conditions, would keep for months or even years (Frantz 1948). Business boomed after the company began supplying the United States Army with condensed milk during the Civil War. In the South, it was nearly impossible to transport fresh milk, as the warm climate caused it to spoil quickly. When condensed milk proved easy to transport and of satisfactory quality, the Army increased their demand and became regular consumers of the New York Condensed Milk Company. Today, Borden's company is now Eagle Brand condensed milk, and cans similar to those found at the Nate Harrison site, are sold in grocery stores across the country.

Evaporated Milk Can

Excavators found one evaporated milk lid at the Nate Harrison site in the spring of 2017. Opened evaporated milk can lids commonly contained two punctures on opposite sides from a sharp tool, like an ice pick, nail or knife blade. The presence of crimped side seams, as opposed to soldered seams, indicated that this can was manufactured after 1903.

Evaporated milk cans were the first product to use hole-in-top cans, otherwise referred to as venthole cans; they were used almost exclusively in the canning of evaporated milk (Oulton 2003). Unlike hole-in-cap cans, these cans did not have filler holes. Stamping the lid might mimic such filler holes; however, the lack of solder ring distinguished this type of can. Cans were sealed with a spot of lead (Simonis 1997). These cans could continue be found occasionally up until the early 1990s; however sanitary cans were used far more widely from 1911 to today. Therefore, this can lid would likely have been produced between 1903 and 1911.

After receiving the patent (#308,421) in 1884, John B. Meyenberg first produced evaporated milk in the United States in 1885. While working at a sweetened condensed milk plant in Cham, Switzerland, he hypothesized that the most sought after preserved milk would be one in which nothing was added. The process of preserving condensed milk required the addition of sugar, but Meyenberg believed that simply evaporating and sterilizing the milk would increase its usefulness for a variety purposes. He moved to the United States and started the Helvetia Milk Condensing Company in order to develop his ideas, and was granted a patent for his process in 1884 (US 308,421). The Spanish-American War proved the value of preserved milk, as its safety and dependability nourished soldiers. In 1886, however, customers began to complain that his milk was spoiling. Meyenberg blamed faulty cans for this failure and quit his own company. He then went into business with Elbridge Amos Stuart, creating the Pacific Coast Condensed Milk Company, and began production of Carnation Brand evaporated milk in 1899 (Parfitt 1956). Although they canned their evaporated milk in hole-in-cap cans initially, their transition to hole-in-top cans occurred only once the machine that constructed the cans needed replacement. The popularity of Carnation Brand milk led to the company to change its name to the Carnation Milk Company, which was eventually sold to Nestlé in 1985.

Corned Beef Tin (NH89D)

Students excavated 14 lids and 14 bases of corned beef tins during the spring of 2017 (Figure 6.149). Although some of the lids matched the bases, many of the bases were larger than the lids, differing up to 2" in length. The meat can recovered from NH89D was the singular artifact in which the lid remained intact with both the walls and base, maintaining the can in completion. The tapered shape, created by the difference in dimensions, identified these artifacts as parts of a corned beef can.

The unearthed lids contained hold-in-cap closures, and the walls were crimped, not hand soldered. After 1895, corned beef tins incorporated a scored strip below the lid that would be rolled away with a metal key for simplified

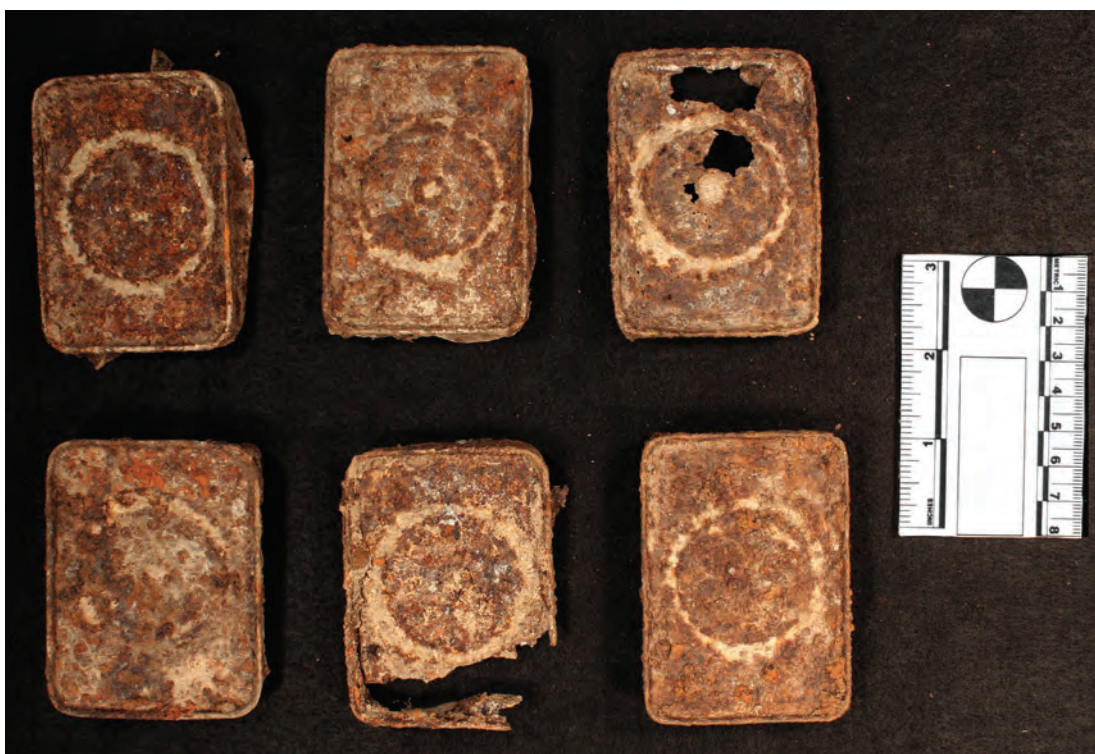


Figure 6.149. The six meat cans pictured here were from the following contexts: top row (left to right) NH92D (2), 93C, bottom row (left to right) NH92C (2), 92B.

opening (Snodgrass 2004). Over two dozen keys, potentially used for opening these cans, were excavated. A key would have been used by threading the metal tab at the end of the scored strip through the eye and winding to remove the strip and free the lid. Therefore, due to the key-wind strip and the hole-in-cap lid, this corned beef tin dated between 1895 and 1911 (Snodgrass 2004).

The Libby, McNeill & Libby Canning Company started producing tapered tins in 1875 (Anonymous 2013, “Our History”). Corned beef was the first product on the market from the company and its popularity led to additional ventures in canning fruits and vegetables. Although canning had previously been seen as a household activity, the Libby, McNeill & Libby Canning Company began to gear their advertising campaigns toward convincing customers that their product was more convenient, yet just as enjoyable and safe as homemade canned food. Nestlé ultimately bought the Libby, McNeill & Libby Canning Company in 1976.

“Corned” beef referred to the salt “corns” that were used in the process of curing. Today, the meat is cured in salt-water brine. Irish immigrants made corned beef popular in the United States (Petrick 2010). In their homeland, consuming beef regularly was a sign of aristocracy and wealth. Middle and lower class people only ate corned beef during festivities such as Christmas, Easter, and St. Patrick’s Day (Mac Con Iomaire and Gallagher 2011). In the U.S., this meat product was more reasonably priced and widely available. As a result, it became common for Irish people in America to eat corned beef because its consumption aligned with the dreams of the better life immigrants would have in the U.S. (Mac Con Iomaire and Gallagher 2011).

Fire Affected Bone

Nate Harrison’s intricate relationship with the local environment was evinced in nearly every type of artifact uncovered from the site. The flora of Palomar Mountain was incredibly diverse, with slopes dominated by Douglas firs and Jeffrey pine and three varieties of oaks: black oak, canyon live oak, and coast live oak (Garcia-Herbst, 2009). At the ~3,200’ elevation of the site, there are also many different kinds of shrubs and wildflowers present, including sagebrush, poison oak, and thistle plants (Havert and Gray, 1996). The dense mountain forest is home

to a variety of woodpeckers, owls, and hawks (Havert and Gray, 1996). These forests also contain a variety of mammals; bobcats and coyotes are known to prey on the populations of deer in the area, while squirrels and chipmunks feast on the abundant acorns from the oaks (Havert and Grey, 1996). Historically, Harrison raised sheep and horses on his homestead; he also cared for pigs and cattle in the general area and for bees at the base of the mountain. Previous studies have shown ample evidence of Harrison consuming cattle, sheep, pig, and deer at the site (Tennesen 2010).

Thermally modified or fire affected bone is commonly recovered from excavated archaeological sites. In principle, fire affected bone can offer information on topics such as diet, native flora and fauna of a region, the presence of non-native species, as well as animal husbandry and sustainability practices. Experimental studies have been conducted in forensic and archaeological sciences to establish criteria to identify the modification of bone and the timing and context under which such modification occurs. Likewise, research has experimented with the effects of a range of variables including different fire types (open hearth, bush, pyres, furnaces), different temperatures and duration of fires, variations related to the age of the bone, differential burning between species and elements, whether elements had flesh attached at the time of thermal modification, and whether they were buried at the time of thermal modification (Bennett, 1999; Brain and Sillen, 1988; Buikstra and Swegle, 1989; Gilchrist and Mytum, 1986; McCutcheon, 1992; Nicholson, 1993; Shipman et al., 1984; Spennemann and Colley, 1989; Stiner et al., 1995). The results of these experimental studies have rarely been applied to uncover the taphonomic histories of burned assemblages or infer the human behavior behind the burning of faunal remains in archaeological sites.

Most experimental results showed that fresh bones follow a general progression from brown to black, then grey-blue-white to white with increasing temperature (Baby, 1954; Bennett, 1999; Buikstra and Swegle, 1989; Hermann and Bennett, 1999; Knight, 1985; Mays, 1998; McCutcheon, 1992; McKinley, 2000; Nicholson, 1993; Shipman et al., 1984; Stahl, 1996; Stiner, 1991; Stiner et al., 1995). Burning uniformity was assessed by estimating the surface area of the bone showing burned damage, observing variations in bone color, and the presence or absence of burning across the articular ends of bones (Buikstra and Swegle, 1989). Macroscopic changes appeared during the cremation process; the fire and heat modified and destroyed the bone structure in size, color, and shape. Between 100°C and 300°C, the bone became dehydrated, leading to a reduction of the bone by 1–2% of its volume; the bone also began to display a greasy appearance (Buikstra and Swegle, 1989). Between 300°C and 500°C, bones started to get a black, tarry, glass-like bubble char. At 400°C, bone surfaces became flat and granular; between 500°C and 700°C, they became powdery, the organic material fully burned, and contraction of the bone structure increased. When temperatures exceeded 800°C, the crystals transformed into larger crystals, the bone structure became more fragile, and the bones became chalky and smooth. At a temperature range of 600°C to 800°C, the organic material fully burned and bone structure contraction increased. The melting point of bone was roughly 1630°C (Nicholson, 1993).

There were seven categories of burnt bone designated by color (Figure 6.150). N. Kalsbeek and J. Richter noted that, “Color changes of the bones reflect a gradual decomposition of the organic material, mainly collagen, with increasing temperature...Color changes might, however, also reflect diagenetic changes such as blackening of bone by minerals” (Kalsbeek and Richter, 2006:125). Organic and inorganic material associated with the skeletal material could also have an impact on bone color. A brown coloration could result from the presence of hemoglobin or soil, while a black coloration could result from the carbonization of the bone in an oxygen-starved state. A gray or gray-blue coloration occurred when the organic components were pyrolyzed. When the complete loss of organic material and the fusion of salts within the skeletal material occurred, the final stage in calcination was reached, which resulted in a white color and porcelain-like texture (Specht, 2016).

Numerous taphonomic questions arose in the recovery and analysis of burned bone. The role of fire in the process of site formation must be considered in archaeological interpretations to include cultural (intentional) or natural (accidental) origins of fire (Rowlett, 1991). J. L. Bennett noted that, “Post-burial thermal alteration has been put forth by some as a plausible explanation for the presence of burned bone in the archaeological record” (Bennet, 1999). In the research conducted by Stiner et al. (1995), bones were placed at various depths in sieved dry sediment, and fires were lit on top. The bones were later retrieved from the fire beds by re-excavating and sieving the sediment. The fires used only 6 kg of hardwood and were allowed to burn unattended. No calcination of buried skeletal elements, even those situated 1 cm below surface, was noted during this shorter duration heating



Figure 6.150. Examples of burning colors using material from the Spring 2017 season. Key: (0) Zero: non-burnt bone, has a cream/tan color. (1) One: slightly burnt, partially carbonized. (2) Two: lightly burned, partially carbonized. (3) Three: fully carbonized and has a completely black color. (4) Four is half-calcined, and maintains a color that is more black than white. (5) Five is also half-calcined but is more white than black in color. (6) Six is fully calcined and all white.

experiment (Stiner et al., 1995). Furthermore, less than half of the bones buried at 10 cm displayed marked change. It should be noted that they were unable to induce calcination on bones buried by any amount of soil, even though they reported temperature of control fires to be comparatively hot—the minimum temperatures reported were ~900°C (Shipman et al., 1984).

There have been two recorded fires in the immediate vicinity of the Nate Harrison site since 1978 (California Department of Forestry et al., 2007). The first fire, deemed the Palomar Fire, burned approximately 15,580 acres during the later months of 1987. The second occurred during late October, 2007. Burning roughly 50,000 acres, the Poomacha Fire devastated the mountain, clearing away the brush and trees (Mallios et al., 2008). During the spring of 2017 dig season, students uncovered a majority of the faunal from the southwest portion of the site. By layer, most of the remains were recovered from the C and D layers. There were 89 burned fragments recovered in 2017. The majority of the burned remains were recovered from layer D, which was the 0.3' layer located 0.9-1.2' below the top of the unit.

Ammunition and Bullet Fragments

One of the most common artifacts uncovered at the Nate Harrison site was a fired shell casing. Excavators found 125 in the units in and around the cabin from 2004-08 and 22 during the spring of 2017. They were sorted according to caliber (Figure 6.151).

When a weapon is fired, the bullet leaves the barrel in the intended direction the weapon is pointed. The cartridge, also known as a shell or casing, is then ejected to the right of the shooter via the ejection port. Based on the height of the person firing the gun and the type of round used, the bullet casing will eject and fly approximately 1-2' to the right of the shooter. It is impossible to determine the direction of fire by using the location of the ejected casings alone, but casing position does reflect the position from which the weapon was fired.

Nearly 60% of the recovered shell casings were .22s, indicating that the most commonly used weapon at the site was a firearm capable of firing bullets of that caliber (Figure 6.152). Furthermore, every .22 casing found on site, was rim-fired (Figure 6.153 and Figure 6.154). The term rim-fired referred to a specific style of bullet that is

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Field season	.22	.25	.30	.30-.32	.32	.38	.40-.65	.44	.45-.65	7.65 Luger	12 Gauge	Unknown
2017	15	0	0	1	1	2	1	1	0	0	0	1
2004-08	73	2	3	0	13	14	0	0	1	1	17	1

Figure 6.151. The number and size of casings found on the Nate Harrison site in 2017 and the previous five seasons.

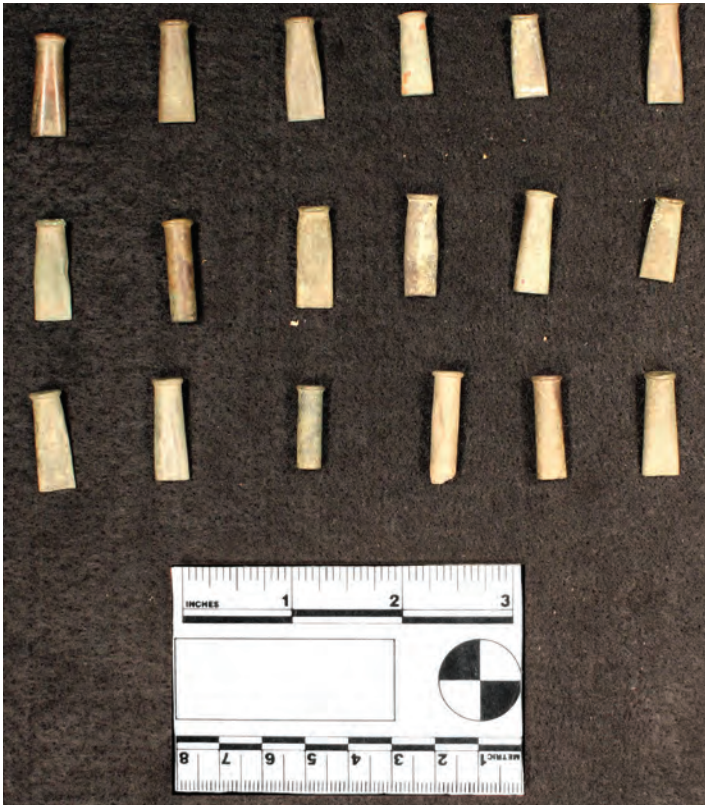


Figure 6.152. These fired cartridges (top row (left to right) NH90A, 87C, 90D, 90J, 90B, 88E; middle row (l-r) NH7C, 89D, 88A, 92E, 92E, 86C; bottom row (l-r) NH92D (2), 86B, 89A (2), 96B) were some of the 88 rim-fired .22s found at the Nate Harrison site.

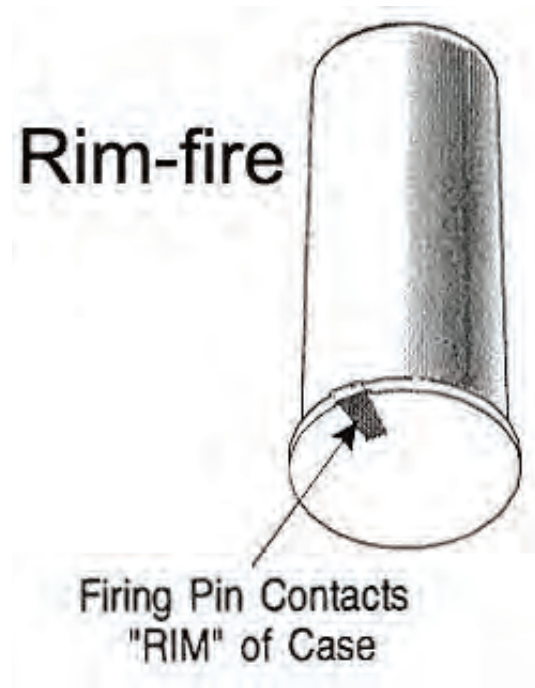


Figure 6.153. Diagram of rim-fire striking locus.



Figure 6.154. This fired cartridge from NH90A was a rim-fired .22 with a "U" stamp.

still used today and primarily found in smaller calibers. Rim-fire bullets were unique in that unlike other bullets whose firing pin ignited the primer by hitting it in the center of the round, rim-fire round primers were ignited by being struck on the outer rim. The .22 was commonly found with this style of primer.

Another archaeological clue on the recovered casings was the manufacturer's stamp on the rim of the fired shells. The .22 calibers from the Nate Harrison site were almost all stamped with "H," "P," or "U," each of which dated to rimfire production years of 1885 to 1911 (<http://www.ammo-one.com/30ShortRimfire.html>; accessed May 9, 2017). The "H," "P," and "U" were all from U.S. companies absorbed by the Remington Arms Company by the 1920s.

Based on the caliber, rim-fire style, and headstamp date ranges, it was possible to make an educated guess about the make and model of the weapon likely used most often at the Nate Harrison site in the late 1800s and early 1900s. The most popular rim-fire .22 of the time was the Winchester Repeater Model 1873, the famed "Gun That Won the West" (Figure 6.155). Winchester was a leading name in firearms in the late 19th century. Furthermore, its Model 1873 was one of the only rifles of the time that could fire .22 rounds. Other prominent contemporaneous rifles, like the 1866 "Henry" Repeater, exclusively fired .44 rounds. Arthur Pirkle noted that, "The vast majority of M1866 rifles and carbines were produced in .44 Henry Rimfire caliber *only*" (Pirkle 1994, italics original). In addition, the successor to the Model 1866 and Model 1873—the Model 1876—was never built with the capacity to fire .22 rounds.

It was highly likely that Harrison was personally responsible for the most commonly found casings (.22s) while visitor activity (hunting, recreational shooting, etc.) resulted in the less common and higher caliber shells. The .22 rifle was a versatile and useful weapon; it was powerful enough to take down an array of large animals (bear, deer, mountain lion, bobcat, etc.) but also appropriate for small game (raccoons, squirrels, birds, etc.). Commonly referred to as a "varmint rifle" or a "survival rifle," it was a favorite for pioneers, ranchers, and other outdoorsmen. Despite being loaded with a small caliber bullet, this weapon was highly effective; ammunition specialists F. C. Barnes and W. T. Woodward avowed:

The .22 Short can be deceiving, because it looks small and relatively harmless. When fired from a rifle, it can penetrate two inches of soft pine board and has an extreme range of almost one full mile. It can seriously wound or kill a person right up to the limits of its range—be careful! (Barnes and Woodward 2016).

Despite the fact that Harrison was never photographed with a firearm, historical accounts mentioned that Nate owned a rifle. For example, Harrison friend Chris Forbes told Richard Day and Robert Melvin in a 1981 interview that, "Nate had a nice rifle." (It is worth noting that Forbes also insisted that the rifle was a "muzzle loader," which was at odds with the Winchester Model 1873 interpretation and the abundant archaeological evidence.) Furthermore, Day noted in the margin of the interview transcript that, "A man offered it to the Park Ranger George Kowatch for a museum, when ready. This was in 1987." In fact, Palomar Mountain historian Peter Bruggeman insisted that he saw Nate's rifle long after Harrison's passing. When visiting Herbert Douglass in 2006 in Orange, Douglass—then in his late 80s—explained that his grandfather was friends with Nate and even helped move him out of his cabin. Bruggeman stated that, "Herbert showed me Nate's rifle and cooking pot. At the time there was some talk about getting these objects for a display at a Palomar community center." The Nate Harrison Historical Archaeology Project is still actively searching for the firearm, as it would be a centerpiece to any museum exhibit on the life and legend of Nate Harrison.



Figure 6.155. Was Nate Harrison's rifle a Winchester Repeater Model 1873, like the one picture here?

Forensic Analysis for Fingerprints from Shell Casings

In January 2009, Dr. John W. Bond of the University of Leicester was invited to examine a number of spent shell casings recovered from the Nate Harrison excavation site. The intention of this examination was to establish whether any fingerprints had survived on the shell casings in the form of corrosion of the casings caused by fingerprint sweat deposits. The following summary, compiled by Dr. Bond, was divided into two sections. The first section dealt with the examination for fingerprint corrosion and the technique used; the second section offered an analysis of the chemical state of the shell casings recovered by the excavation.

When a person's finger or palm comes into contact with a surface, secretions of sweat are deposited onto the surface, leaving an impression of the papillary ridge pattern of the finger or palm. This is referred to as a latent fingerprint. Identification of a fingerprint to an individual is based on the accepted facts that 1) the patterns of papillary ridges (known as characteristics) differ between fingers on the same individual and between individuals, and 2) the patterns do not vary topographically during a person's lifetime (Thomas 1978; McCartney 2006). Identification of an individual by means of their fingerprints thus requires that the pattern of ridges (characteristics) left behind at, for example, the scene of a crime matches exactly the characteristics from the individual.

In general, latent fingerprints are not easily visible to the naked eye because of their translucence. Over the years, many physical and chemical techniques have been developed to enhance fingerprints to make them visible and, hence, more easily identifiable (Bowman 2004). All of these techniques require some form of physical or chemical interaction between the enhancing reagent and the secreted fingerprint and therefore require the secretions still to be present. Recent research into the enhancement of fingerprints deposited on metal surfaces has focused on visualization techniques that exploit the natural chemical reaction that can occur between the metal surface and the fingerprint deposit. This reaction, effectively a galvanic corrosion of the metal surface, can result in a change to both the chemical and physical characteristics of the metal surface.

Recently, scientists have considered the corrosion of a range of metal elements and alloys by fingerprint deposits (Bond 2008a, Bond 2008b). Their studies showed how leaving fingerprint deposits on brass in air at room temperature for several days produced sufficient corrosion of the metal to enable the fingerprint to be visualized; this was done even after the residue of the fingerprint deposit had been removed by cleaning the metal in warm water with a few drops of commercial detergent. This visualization was achieved by employing a novel technique, which required the application of a potential to the brass (up to 2.5kv) followed by the introduction of a conducting carbon powder (grain size $\sim 10\mu\text{m}$) (Bond 2008c). The introduction of the conducting powder was facilitated by using Cascade Developer (Foster and Freeman, Evesham, UK), which comprises $\sim 400\mu\text{m}$ spherical beads that are coated with the conducting powder. By rolling the spherical beads back and forth across the charged brass surface, the conducting powder was found to adhere preferentially to the areas of corrosion on the metal thus enabling the fingerprint to be visualized. Subsequently, it has been shown that this preferential adherence to areas of corrosion arises from the corrosion having a potential lower than that applied to the bulk, typically up to 12v for an applied potential of 1400v (Bond 2008c). Furthermore, it has been discovered that the junction between the bulk and corroded brass can exhibit the characteristics of a rectifying metal-semiconductor contact with the corroded brass exhibiting the properties of a p-type semiconductor, this being oxides of copper. This type of rectifying metal-semiconductor contact is commonly known as a Schottky barrier (Sze 2002; Pallecchi et al. 2008; Al-Kuhaili 2008). This has pertinent applications to rifle cartridges from the Nate Harrison site as fingerprints deposited on brass shell casings pre-firing can be visualized post-firing (even after the shell casings had been cleaned) by the use of this technique. Attempts to visualize fingerprints on both fired and unfired shell casings has attracted much research in recent years, not least because of the problems it has presented in terms of heat damage to the fingerprint deposit caused during the firing process (Cantu 1998; Smith and Kauffman 2001; Migron and Mandler 1997; Migron et al 1998; Given 1975).

Fifty fired brass shell casings excavated at the Nate Harrison site from 2004 to 2008 were sent to Dr. Bond for examination in the hopes of finding fingerprint deposit corrosion using the aforementioned technique. Prior to the examination, each casing was washed in a half-liter solution of warm water with a few drops of commercial detergent and rubbed vigorously with a non-abrasive cloth. This washing regime has been shown to remove effectively any modern finger mark deposit (but not corrosion) from the surface of the brass casing. This was

an important step preventing later fingerprints from contaminating original marks on the fired cartridges. Only one of the 50 casings produced a partial fingerprint; it was a 0.38 caliber casing manufactured between 1911-1920 (on the basis of its stamp). The casing in question was partial, as well as severely corroded. Nonetheless, the fingerprint appeared as three dark parallel ridgelines bounded by a number of less distinct lines (Figure 6.156).

Identification of the partial fingerprint was just the first step; it was then subjected to analysis via scanning electron microscopy (SEM), energy dispersive x-ray analysis (EDX) and x-ray photoelectron spectroscopy (XPS). The SEM and EDX analyses were undertaken to gain a detailed understanding of the elemental composition of the various colors and regions seen on the surface of the casing and to give an insight into the complexity of the corrosion near the fingerprint location. The XPS analysis gave, in addition, the oxidation state of both zinc and copper using photoelectron chemical shift and Auger parameters (Kim 1974).

For the SEM and EDX analyses, the casings were first cleaned in analar grade acetone rinse followed by an analar grade isopropanol rinse. Optical microscopy of the area in which the fingerprint had been located showed a copper colored area surrounded by a light gray colored area (Figure 6.157). A backscatter electron detector was then used on this area to give an element contrast image in which less dense materials (such as metal oxides) appear darker than denser materials (such as metals) (Figure 6.158). When compared with the equivalent optical image in Figure 6.157, the copper colored area was generally lighter in appearance in the backscatter electron image (more metal) and the light gray area appeared darker (more oxide).

A secondary electron detector was then used to show the topography and fine structure of the surface of both the copper colored area and the light gray area shown in Figure 6.157. These images are shown in Figure 6.159 and Figure 6.160 respectively. The copper colored area (Figure 6.159) contrasts sharply with the gray colored area (Figure 6.160). The gray colored area appears as a more uniform and even covering over the casing while the copper colored area is a more uneven surface, suggesting electrochemical etching.



Figure 6.156. Partial corrosion fingerprint on spent brass shell casing, visualized following the application of a high potential and conducting powder.

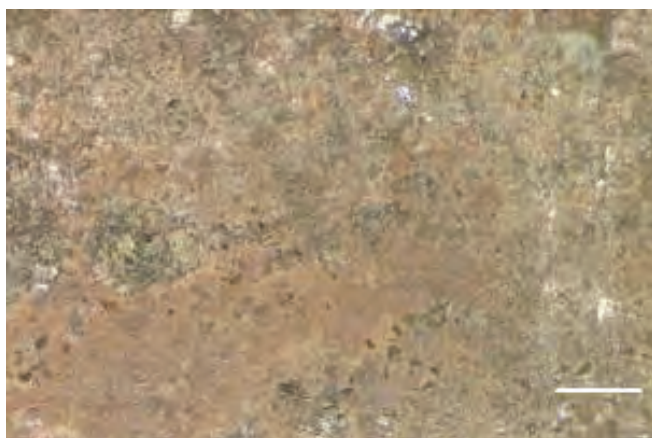


Figure 6.157. Optical microscopy image of the area in which the fingerprint shown in Figure 6.156 was visualized. The white bar indicates a distance of 500 μ m.



Figure 6.158. Backscatter electron image of the area shown in Figure 6.157. The white bar indicates a distance of 500 μ m.

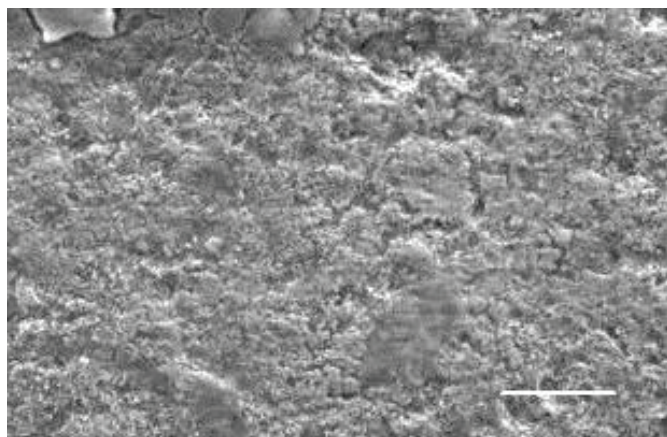


Figure 6.159. Secondary electron image of a magnified portion of the copper colored area shown in Figure 6.157. The white bar indicates a distance of 10 μm .

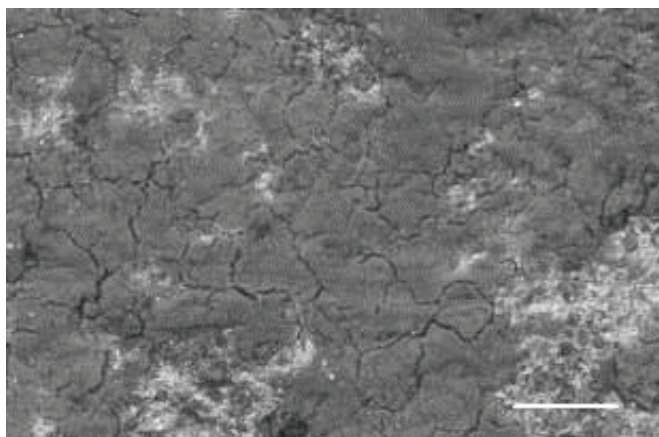


Figure 6.160. Secondary electron image of a magnified portion of the grey colored area shown in Figure 6.157. The white bar indicates a distance of 20 μm .

In order to investigate the elemental composition of the varying topography in Figure 6.159 and Figure 6.160, an EDX analysis was undertaken. Since EDX analyzes to a depth of $\sim 2\text{-}3\mu\text{m}$, when surface coverings $< \sim 3\mu\text{m}$ are analyzed the spectrum includes a signal from the underlying substrate. In addition, EDX analysis only shows the elements present, not their oxidation state nor what compounds are present.

EDX of the area shown in Figure 6.159 revealed it to contain primarily copper (82.8%) with some oxygen (6.6%) and carbon (5.5%), but only a small amount of zinc (2.6%). This suggested an almost complete de-zincification of at least the top few microns of the surface of the casing. The abundance by weight percentage of these elements is shown in Figure 6.161. Chlorine was also present (1.6%), which assisted in explaining the almost total de-zincification and uneven appearance of the surface in Figure 6.159 (Tretheway and Chamberlain 1998). Chloride ions accelerate the galvanic corrosion and de-zincification of metals such as brass.

	C	O	Mg	Al	Si	P	S	Cl	K	Ca	Ti	Fe	Cu	Zn
A	5.5	6.6	0	0.2	0.3	0.2	0	1.6	0.2	0.2	0	0	82.8	2.6
B	14.7	20.4	0.9	2.0	3.0	4.1	0.1	0.8	1.1	5.7	0.3	1.8	31.7	13.7

Figure 6.161. EDX elemental analysis of copper colored area (row A) and grey colored area (row B).

EDX of the area shown in Figure 6.160 revealed the presence of a large number of elements shown in Figure 6.161. When the analysis depth was reduced slightly (by reducing the SEM accelerating potential) the relative concentration of all the elements increased except for copper, which decreased significantly from $\sim 43\%$ to $\sim 32\%$ (by weight). This implied that the majority of the copper spectrum was likely to come from the casing substrate beneath a thin film ($\sim 1\text{-}2\mu\text{m}$) containing the other elements listed in Figure 6.161.

From Figure 6.161, the greater concentration of chlorine in the copper colored area (Figure 6.159) compared with the gray colored area (Figure 6.160) suggested an additional source of chlorine, possibly from the latent fingerprint deposit (Ramotowski 2001). The presence of chloride ions in latent fingerprint deposits often assists the de-zincification of brass and formation of copper oxide corrosion products. Other trace elements present in both EDX analyses are likely to have arisen from the local environment.

XPS was employed to look at the oxidation state of both copper and zinc in the copper colored and gray colored areas of the casing. A survey scan was run on each area followed by four narrow scans looking specifically at the $\text{Cu}2p_{3/2}$ and $\text{Zn}2p_{3/2}$ peaks and the Cu and Zn LMM Auger peaks (Kim 1974). Standard curve fitting techniques applied to these peaks can reveal the oxidation state of the elements (Shirley 1972). Figure 6.162 showed the survey scan for the copper colored area in Figure 6.159.

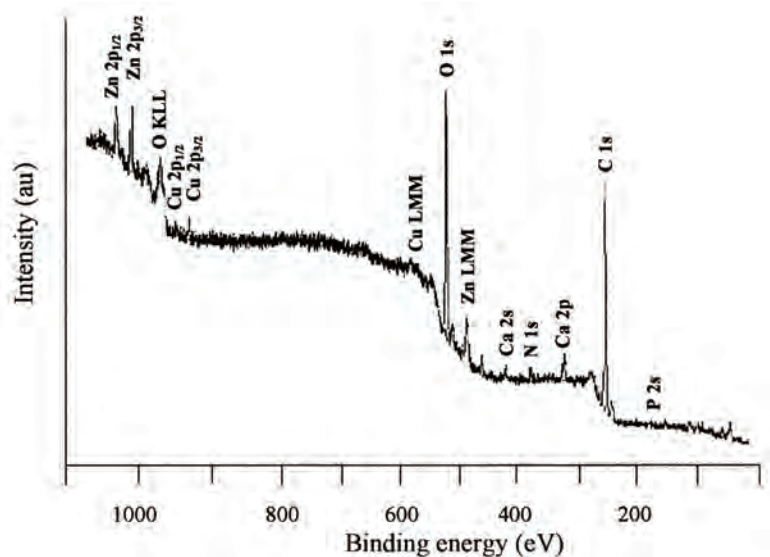


Figure 6.162. XPS survey spectra of copper colored area.

The peaks corresponding to Cu 2p, Auger and Zn 2p, Auger and O 1s, Auger can be seen together with peaks for a number of the elements listed in Figure 6.161. There is a significant step to the high binding energy side of the C 1s peak suggesting organic material present on the copper colored area of the casing. This is indicative of the cleaning process being incomplete and leaving behind some organic material. Nitrogen was also evident, which was absent from the EDX spectrum (Figure 6.161). The position of the N 1s peak suggested it was present as an organic matrix or ammonium salt. Calcium and phosphorous were also noted. Soil chemistry tests from the site verified high levels of these elements in different strata at the site (Mallios et al. 2009).

Narrow scans showed zinc to be present in the form zinc (II) oxide and copper in the form copper (II) oxide. By atomic percentage, the Zn:Cu ratio was 1:4.73. Such a ratio has been shown previously to produce a copper oxide dominated corrosion product that displays a potential lower than that applied to the bulk un-corroded material (Bond 2008c). The corrosion product is conducive to enabling conducting powder to adhere to it when a high potential is applied to the casing. The gray colored area (Figure 6.160) gave narrow scans with no copper detected, the zinc again being present in the form zinc (II) oxide. Calcium, phosphorous, nitrogen and the high binding energy step on the C 1s peak were also observed.

In summary, of the 50 shell casings examined, one revealed a partial fingerprint that was visualized using a technique developed to look for fingerprints from spent shell casings recovered from crime scenes. An analysis of the chemical state of the surface layer of this casing revealed copper oxide corrosion in the area where the fingerprint was visualized. This is consistent with current understandings of the galvanic corrosion and de-zincification of brass by latent fingerprint sweat deposits that results in copper oxide dominated corrosion products. Away from this area, the corrosion appeared as a thin (~1-2 μ m thick) layer of mainly zinc oxide. Despite the cleaning of the casing, a large number of trace elements were identified on the surface, these most likely being associated with the environment in which the casing has spent the last century. While the mechanism for the fingerprint corrosion of this casing is similar to that encountered previously, why a fingerprint should survive on this particular casing is less clear and still unresolved. Simply put, why did a fingerprint survive on only one of the fifty casings?

Nate Harrison's Pear Tree

During the 2007 SDSU Nate Harrison cabin site archaeological field school, a standing fruit tree was discovered near the southwest corner of the patio units. The tree, which appeared to be very old, presented all of the characteristics of a pear variety, was still viable. An attempt would be made the following spring to observe fruit, which was not present during the 2007 growing season. The plan was for scions from the year 2007's growth to be cut from the tree and grafted to compatible rootstock in the spring of 2008.

On October 23, 2007 3:13 pm, the Poomacha wild land fire ignited and began its climb up the face of Palomar Mountain. When extinguished, it had consumed over 49,000 acres of vegetation, including the Nate Harrison cabin site (Figure 6.163). Little damage was done to the cabin site itself (melted tarpaulins, disintegrated sandbags, etc.), but the fruit tree was not so fortunate. By the spring of 2008, all appearances indicated that the fire had irreparably harmed this pear tree (Figure 6.164).

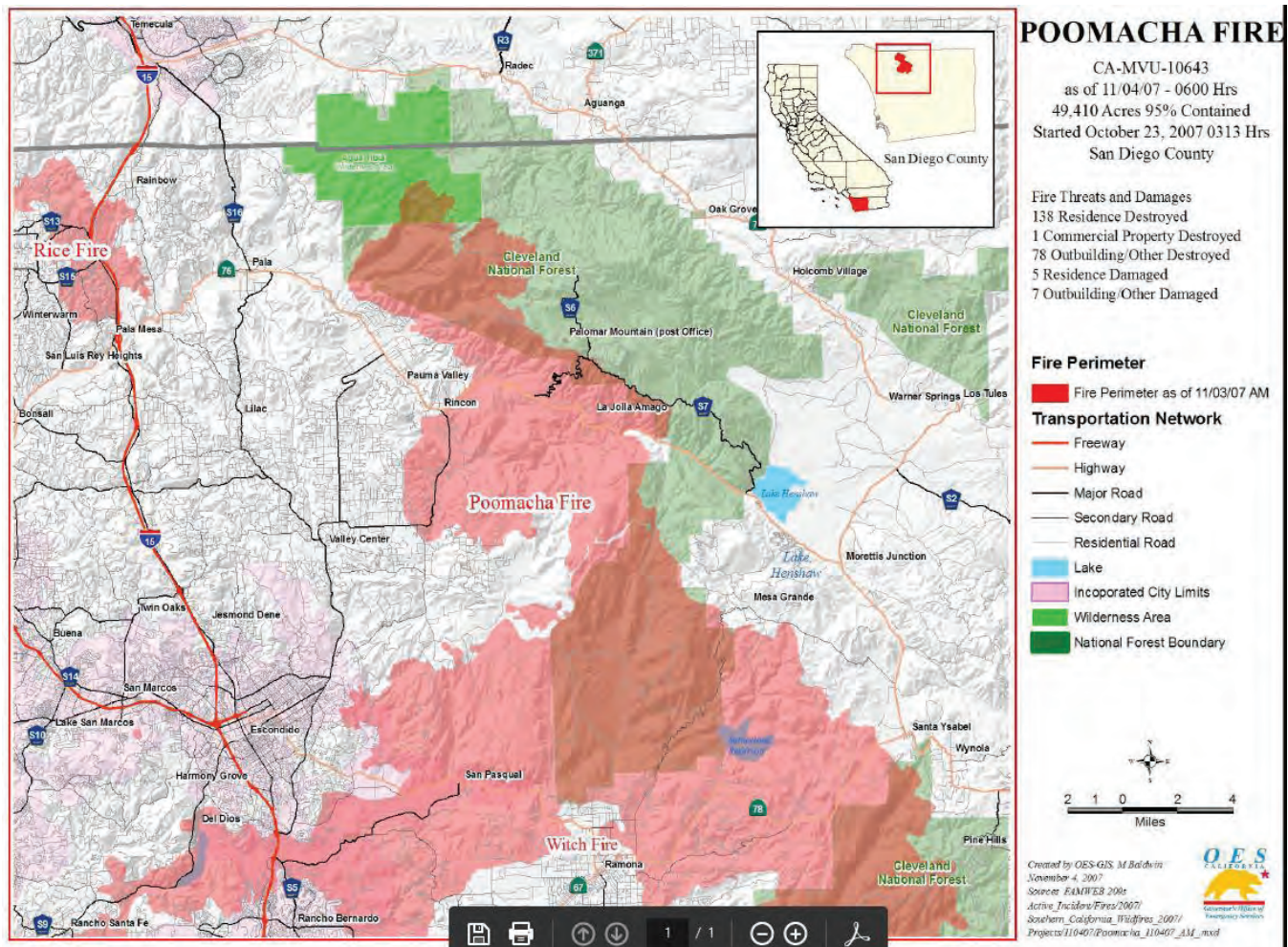


Figure 6.163. CalFire pinpointed the exact limits of the 2007 Poomacha Fire on this map.

Nearly a decade later, a media-friendly public archaeological open house was held at the Harrison site on March 31, 2017. During the course of the day, it was discovered that the pear tree had made a miraculous comeback and was supporting considerable foliage. Fruit blossoms were evident, with some very juvenile fruit forming (Figure 6.165). Julian historian and horticulturalist David Lewis noted the presence of the tree and consulted with Dr. Mallios and landowner Vicki Morgan to take the appropriate actions to catalog and preserve the tree.

With the enthusiastic blessing of Morgan, Lewis and his colleagues were given permission to access the Harrison site on April 13, 2017. The pear tree and its surroundings were photographed before any restorative work began. The area around the tree was cleared of rotted debris as was foliage that might impair or harm the continued growth of the tree. At some point over the last decade, debris had fallen onto the tree, crushed it, and reduced it to half of the height that was observed during the 2007 field school. Examination of the 2007 field school photos revealed that the pear tree originally had two trunks, each of which was at least 1.0' or more in diameter. During the Poomacha fire, the western side of each of these had burned to half of the original diameter. Both remaining halves were visible in the 2008 photos. Eventually the northern trunk fell to the ground, bark side down. The interior face of each trunk was charred black from fire. The half trunk lying on the ground was removed and transported to a site where it will be stabilized, measured and evaluated to determine the age of the tree. The base of the fallen trunk was sliced through to reveal the growth rings. The interior of the tree had been devastated by insects, leaving no ability to count growth rings. On April 21, 2017, a local orchardist was consulted on the age of the tree and also the likelihood of the tree being planted by Nate Harrison. The estimated the age at over 100 years old, suggesting that Harrison most likely planted it.



Figure 6.164. In the foreground, Maggie David (left), Shelby Gunderman (center), and Joe DeWolf (right) worked on a shovel testpit at the southwest corner of the site in the summer of 2008; but in the background loomed the fire-ravaged pear tree.



Figure 6.165. Despite the extreme fire damage, Harrison's pear tree bore fruit in the spring of 2017.

Four “T Posts” were driven at opposite quadrants of the trunk. A 1 ½” fire hose was used to protect the bark when guy wires, which were fastened from the posts to the tree at a height of about 4 feet, were tensioned. All dead and damaged branches and debris were removed from the tree (Figure 6.166). In anticipation of the tree living into the 2018 growing season, two pear trees were planted off-site to act as nursery trees on which scions will be grafted. Should these efforts be successful, Nate Harrison’s fruit will be available for generations to enjoy.



Figure 6.166. David Lewis’s ingenious tree rescue involved an intricate support system.

Preliminary measurements were taken from landmarks within the site to spatially locate the pear tree. Photographs were taken of the tree site, which included the now visible juvenile fruit. The tree will be monitored through the fruit growing season. Tree limb props will be added should there be a sufficient fruit load to warrant them. Netting the fruit to protect them from wildlife may be necessary as well. When the fruit has reached near maturity, an appropriate number will be harvested and preserved in specimen jars. Mature fruit will be examined by the local expert on heritage fruit. There is an 80% chance of identifying the variety. The local expert emphasized that there were not many varieties of pears being grown locally in the late 1800s and early 1900s. He stated that, “During this time, peddlers would sell young fruit trees from a wagon. They would ask you what variety you wanted to purchase and would sell you what you wanted...but that was not always what you got.”

David Lewis concluded his preliminary work on rescuing the Nate Harrison pear tree with the following heartfelt entreaty:

Opportunities such as this are rare. In my opinion, archaeology is most often considered a study of lifeless objects. Nate Harrison’s fruit tree is a living artifact. If the tree proves to have been purposely planted rather than a seedling, it is the opportunity to observe, touch, and taste a life passed on by the hands of Nate Harrison.

6.7 A Final Note...

On Tuesday, April 18, 2017, SDSU's Conrad Prebys Aztec Student Union hosted an extensive exhibit on the Nate Harrison Historical Archaeology Project in Montezuma Hall (Figure 6.167 and Figure 6.168). The program involved multiple speakers, but the highlight of the event was the direct interaction between the guests and the student archaeologists (Figure 6.169, Figure 6.170, and Figure 6.171). Over 100 people attended the public history event, including students, faculty, staff, administrators, and interested community.

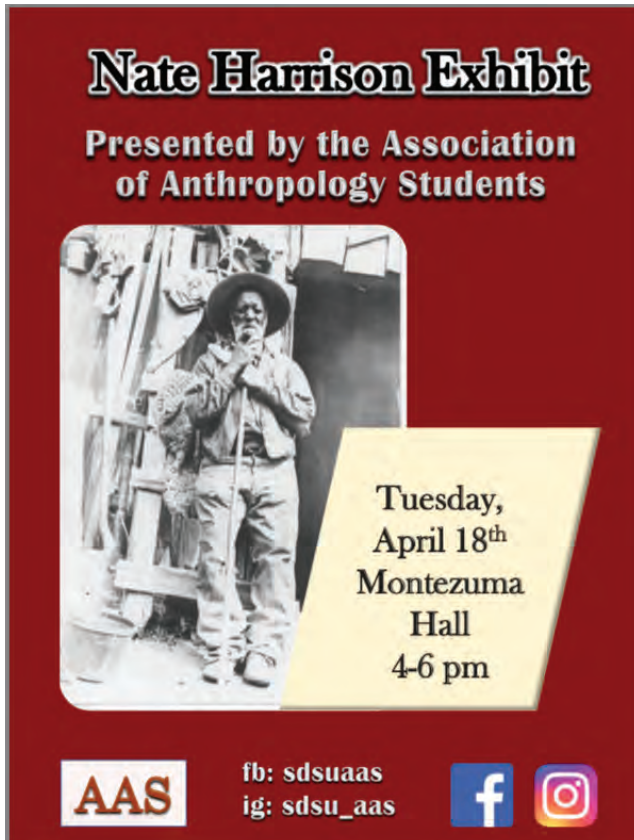


Figure 6.167. The electronic advertisement for the exhibit.



Figure 6.168. The Harrison exhibit at SDSU occurred about 100 years after this photograph was taken.

Students enrolled in both the Spring 2017 Saturday-only field school and the Spring 2017 Spring Break field school were responsible for 100% of the exhibit design. They ingeniously geared the exhibits to be interactive with the audience, establishing displays that asked viewers a series of thought-provoking questions. These queries included:

1. Many rivets and buttons were recovered from multiple pairs of pants. Historical accounts and photographs depicted Nate Harrison wearing many pairs of pants at once. Why do you think he did that?
2. A large number of fired shell casings from several different weapons were found at the site. Considering that Nate Harrison never appeared in pictures with any firearms, from where do you think the shell casings came?
3. Early governmental records from the middle to late 1800s listed Nate Harrison as illiterate; in addition, he often signed his name on various documents with an "X". Yet among the artifacts recovered from the site were a pen cap and the tip of a pencil. Could these finds potentially dispute previous notions of his illiteracy? What do you think these artifacts mean?



Figure 6.169. Dr. Mallios began the public program by celebrating the hard work of his crew.



Figure 6.170. Jamie Bastide (right) and Eduvijes Davis-Mullens (center) discussed details of the Nate Harrison artifacts with local historical archaeologist and SDSU alumnus Ron May.



Figure 6.171. Leah Hails (right) and Melissa Hare Allen (second from right) joined local archaeologist, SDSU American Indian Studies lecturer, and SDSU alumnus Richard Carrico in a discussion of the site materials.

4. Nate Harrison would often greet people coming up the mountain, bringing water to the travelers for their horses and overheating automobile radiators. He even posed for pictures, ending up in at least 30 different historical snapshots. Why do you think he was so welcoming of visitors?
5. Butchering marks were on many of the remains in the large collection of animal bones from the Nate Harrison site, revealing that he was likely hunting, processing, and consuming meat. What do you think he did with the animal hides? Are there any additional clues in the historical photographs?
6. Many historical accounts stated that Nate Harrison was married at two different times to Native American women. Other stories, however, declared that he never married and lived as a hermit. Student archaeologists found multiple cosmetic rouge tins at the site. Which stories do you believe and why?



Figure 6.172. Jaime Lennox (left) and Brandon Booth re-discovered the site datum and ensured its permanence.



Figure 6.173. Students working in the rock-rich/artifact/poor north patio area (from left to right: Brandon Booth, Natalia Galeana, Jamie Bastide, Cece Holm, Kat Davis, and Eduvijes Davis-Mullens endured the most challenging units on the site.

6.8 Photo Gallery

(Figure 6.172-6.187)



Figure 6.174. Brandi Holcomb (left) and James Turner (right) excavated and mapped NH11.



Figure 6.175. Aldo Torrales (center) was surrounded by excavators during the Spring Break field school.



Figure 6.176. Orlando Ramos worked in the faunal-rich central patio area.



Figure 6.177. Mike Hoke excavated a jelly jar along the exterior face of the cabin's west wall.



Figure 6.178. Gabby Mallios uncovered a complete jar in the south patio area.



Figure 6.179. Dr. Mallios unearthed a small iron container near the original cabin fireplace.



Figure 6.180. Melissa Hare Allen admired a can opener she excavated.



Figure 6.181. Cece Holm displayed a Pluto Water Company bottle base she found at the northwest edge of the site.



Figure 6.182. Melissa Ayala uncovered this early 20th-century bottle fragment.



Figure 6.183. Ninveh Shamoon celebrated her discovery of this corkscrew from the central Harrison patio area.



Figure 6.184. Jaime Lennox found this marble whetstone in the south patio area.



Figure 6.185. Orlando Ramos (left) and Natalia Galeana (right) screened while enjoying the scenic canyon view.



Figure 6.186. Chris Coulson (left) and Natalia Galeana (right) inventoried artifacts and completed paperwork for their unit.



Figure 6.187. The Saturday-only field school in action on the last day of digging at the Nate Harrison site.

References

- Al-Kuhaili, M. F., 2008, *Vacuum* **82** 623-29.
- Anonymous, No date, "Meerschaum Pipes." *Collectors Weekly*. <http://www.collectorsweekly.com/tobacciana/meerschaum-pipes> Accessed April 26, 2017.
- Anonymous, No date, "Our Company." < http://www.levi.com/US/en_US/about/history-heritage > Accessed May 16, 2017.
- Anonymous, 1857, "Concentrated milk." *Scientific American*. 12(49):387.
- Anonymous, 1860, "Milk and its preservation." *Scientific American*. 3(1):2-3.
- Anonymous, February 1886, "Curtis G Hussey." *MAGAZINE OF WESTERN HISTORY*.
- Anonymous, 1900, *Massachusetts Reformatory*. Vol. XVI.
- Anonymous, May 13, 1911, "A Pioneer in General Merchandise Manufacturing in Los Angeles," *Southwest Contractor and Manufacturer*, Vol. 7.
- Anonymous, February 1913, "Where to Buy." *Sheet Metal*, Vol. 4, No. 1.
- Anonymous, 1914, *United States Tobacco Journal*, 81.
- Anonymous, 1916, *The American Food Journal*, 11(1), 45.
- Anonymous, 1921, *Retail Tobaccanist*, 12.
- Anonymous, 1947, *1947 Catalogue of Vitrified Hotel and Restaurant China, Ovenware and Stoneware by Medalta*. Medalta Potteries, Ltd., Medicine Hat, AB.
- Anonymous, 1979, *Tobacco in the United States*. Washington: U.S. Dept. of Agriculture, Agricultural Marketing Service.
- Anonymous, 2013, "Our History." <http://www.libbys.com/our-history> Accessed May 23, 2017.
- Anonymous, 2016, "Tip top tobacco pail," <http://antiqueadvertising.com/free-antique-price-guide/antique-tins/tip-top-tobacco-pail-2> Accessed May 10, 2017.
- Asher, Robert, c. 1932-1950, Manuscripts of Robert Asher. Unpublished manuscripts in the California State Parks Collection.
- Baby, R.S., 1954, Hopewell Cremation Practices. Ohio Historical Society, Columbus.
- Barbara, J. 1999, *Restaurant China: Identification & Value Guide for Restaurant, Airline, Ship & Railroad Dinnerware Vol 2*. Collector Books.
- Barksdale, N., 2014, "What It Says on the Tin: A Brief History of Canned Food." <http://www.history.com/news/hungry-history/what-it-says-on-the-tin-a-brief-history-of-canned-food> Accessed May 19, 2017.
- Barnes, F. C., and W. T. Woodard, 2016, *Cartridges of the world: a complete and illustrated reference for more than 1500 cartridges*. Place of publication not identified: Krause Publications.
- Beck, Darrell, No date, "On Memory's Back Trail: The Mendenhalls 'Cattle Kings' of Palomar Mountain." < <http://ramonajournal.com/on-memorys-back-trail-the-mendenhalls-cattle-kings-of-palomar-mountain-p6554-270.htm> >. Retrieved May 10, 2017.
- Beckler, Marion F., 1958, *Palomar Mountain Past and Present*. United States of America: Marion F. Beckler.
- Bennett, J. L., 1999, Thermal alteration of buried bone. *Journal of Archaeological Science*. 26: 1-8.
- Blanton, Dennis B., Veronica Deitrick, and Kara Bartels, 2001, "Brief and True Report of Projectile Points from Jamestown Rediscovery as of December 1998," *The Journal of the Jamestown Rediscovery Center*, Vol.1:4-9.
- Bond, J. W., 2008a, *J. Forensic Sci.* 53 812-22.
- Bond, J. W., 2008b, *J. Forensic Sci.* 53 1344-52.
- Bond, J. W., 2008c, *J. Phys. D: Appl. Phys.* 41 doi:10.1088/0022-3727/41/12/125502.
- Bowers, Q. David, 1979, *The History of United States Coinage: As Illustrated by the Garrett Collection*. Los Angeles: Bowers and Ruddy Galleries, Inc.
- Bowman, V., ed., 2004, *Manual of Fingerprint Development Techniques* 2nd rev. ed. Sandridge: Home Office Police Scientific Development Branch.
- Bradshaw, Roch, April 23, 1936, "Fame for Immigrant Boy Started Bastanchury Ranch," *Santa Ana Journal*.
- Brain, C.K., and A. Sillen, 1988, Evidence from the Swartkrans Cave for the earliest use of fire. *Nature* 336:464-466.
- Brandt, A. M., 2009, *The Cigarette Century: the rise, fall and deadly persistence of the product that defined America*. New York: Basic Books.
- Buikstra, J.E., and M. Swegle, 1989, "Bone modification due to burning: experimental evidence." In: Bonnichsen, R., Sorg, M.H. (Eds.), *Bone Modification*. Centre for the Study of the First Americans, Institute for Quaternary Studies, University of Maine, pp. 247-258.

California Department of Forestry, United States Forest Service, Bureau of Land Management, and National Parks Service.

California, USA Fire History from 1950 to 2007, 2007, Map. <<https://databasin.org/datasets/bf8db57ee6e0420c8ecce3c6395aceebConroy>> Accessed May 10, 2017.

Cantu, A. A., D. A. Leben, R. Ramotowski, J. Kopera, and J. R. Simms, 1998, *J. Forensic Sci.* **43** 294-8.

Conroy, Barbara J. 1998, *Restaurant China: Identification & Value Guide for Restaurant, Airline, Ship & Railroad Dinnerware Vol 1*. Collector Books.

Conroy, Barbara J. 1999, *Restaurant China: Identification & Value Guide for Restaurant, Airline, Ship & Railroad Dinnerware Vol 2*. Collector Books.

Costa, Eduardo, May 29, 2017, 11:23PM personal communication (What's App) with Seth Mallios.

Crews, Barbara, February 21, 2017, "What You Need to Know About Collecting Morton Pottery," <<https://www.thoughtco.com/morton-pottery-company-783464>>, Accessed May 15, 2017.

Davidson, John, November 12, 1937, "Place Names in San Diego County: No. 191 - N----r Grade." Unpublished manuscript written for *The San Diego Evening Tribune*.

Davis, Abel M., circa 1955, *The Memoirs of Abel M. Davis*, No publisher or exact publication date. Located in San Diego State University Main Library.

Davis, Edward Harvey, 1938, Palomar Mountain History. Unpublished manuscript in the California State Parks Collection.

Elliott, R., No date, "The Early History of Cigarettes in America," http://cigarhistory.info/Cigarette_items/Cigarette-History.html, Accessed May 15, 2017.

Encyclopædia Britannica, 2017, "American Tobacco Company." <<https://www.britannica.com/topic/American-Tobacco-Company>> Accessed May 11, 2017.

Encyclopædia Britannica, 2017, "Porcelain." <<https://www.britannica.com/art/porcelain>> Accessed May 15, 2017.

Ueber E, and A. MacCall A., 1992, "The rise and fall of the California sardine empire," In: Glantz M. H., editor. *Climate variability, climate change and fisheries*. Cambridge: Cambridge University Press; pp 31-48.

Forbis, William H, 1973, "1. A Sweaty Little Man, Tall in the Saddle." *The Cowboys*. Alexandria, Virginia: Time-Life.

Frantz, Joe, 1948, "Gail Borden as a Businessman." *Bulletin of the Business Historical Society*. 22(4/6):123-133.

Fullerton College Centennial, 2015, "Domingo Bastanchury," <http://fullertoncollegecentennial.com/social-stories/bastanchury.html>, Retrieved May 10, 2017.

Gage, Tad, No date, "The Pipe Stem." *Pipes and Tobaccos Magazine*. <http://pipesandtobaccomagazine.com/2016/09/the-pipe-stem>, Accessed April 26, 2017.

Garcia-Herbst, Arleen, 2009, "Fire on the Mountain: Archaeology In Palomar Mountain State Park Before And After The 2007 Witch/Poomacha Fires, San Diego County, California." *Proceedings of the Society for California Archaeology*. 23:1-14.

Gilchrist, R., and H. C. Mytum, 1986, "Experimental archaeology and burnt animal bone from archaeological sites." *Circaea* 4 (1), 29-38.

Given, B. W., 1975, *J. Forensic Sci.* **20** 587-92.

Godden, Geoffrey Arthur, 1974, *British Porcelain*. New York: Clarkson N. Potter Inc.

Godden, Geoffrey Arthur, 1972, *The Illustrated Guide to Ridgway Porcelains and Ridgway*. New York: Clarkson N. Potter Inc.

Havert, Bill and Gary Gray, 1996, *Nature Guide to the Mountains of Southern California by Car and on Foot*. Earth Trails Publications, California.

Jackson, Barbara J., Spring 1971: *The High Country* "Palomar: Its Past" (No. 16).

Herrmann, N.P., and J. L. Bennett, 1999, The differentiation of traumatic and heat related fractures in burned bone. *Journal of Forensic Science* 44 (3), 461-469.

Justice, N. D. 2002. *Stone Age Spear and Arrow Points of California and the Great Basin*. Indiana University Press, Bloomington.

Kalsbeek, N., and J. Richter, 2006, "Preservation of burned bones: an investigation of the effects of temperature and pH on hardness," *Studies in Conservation*, 51(2):123-138.

Ketchum, William C., 1987, *American Country Pottery: Yellowware and Spongeware*. New York: Knopf.

Kim, K. S., 1974, *J. Electron Spectrosc.* **3** 217-9.

Knight, J.A., 1985, Differential Preservation of Calcined Bones at the Hirundo Site, Alton, Maine. M.S. thesis, Institute for Quaternary Science, University of Maine, Maine.

Lewis, Shell, No date, "Flow Blue Butter Pats." *Flow Blue International Collectors Club*. <<http://www.flowblue.org/>> Accessed May 15, 2017.

REFERENCES

- Litchfield, Bob (Editor), 1982, Palomar Mountain Views, Volume I. (Fourth Printing 1998).
- Loudon, J.C., 1836, *The Magazine of Natural History and Journal of Zoology, Botany, Mineralogy, Geology, and Meteorology*, London: Natural History societies on the Continent.
- Mac Con Iomaire, M. and Gallagher P., 2011, "Irish Corned Beef: A Culinary History." *Journal of Culinary Science and Technology*. 9(1): 27-43.
- Mallios, Seth, Sarah Stroud, Lauren Lingley, Jaime Lennox, Hillary Sweeney, Jason Maywald, and David Caterino, 2005, Archaeological Excavations at the Nate Harrison Site in San Diego County, California: An Interim Technical Report for the Inaugural 2004 Field Season.
- Mallios, Seth, Sarah Stroud, Lauren Lingley, Jaime Lennox, Hillary Sweeney, Olivia Smith, and David Caterino, 2006, Archaeological Excavations at the Nate Harrison Site in San Diego County, California: An Interim Technical Report for the 2005 Field Season.
- Mallios, Seth, Hillary Sweeney, Jaime Lennox, Kimberly Scott, Robert Tews, David Caterino, Anne Miller, Matthew Maxfeldt, and Sarah Stroud, 2007, Archaeological Excavations at the Nate Harrison Site in San Diego County, California: An Interim Technical Report for the 2006 Field Season.
- Mallios, Seth, Matthew Tennyson, Hillary Sweeney, Jaime Lennox, Brenda Cabello, Erika Kleinhaus, and David Caterino, 2008, Archaeological Excavations at the Nate Harrison Site in San Diego County, California: An Interim Technical Report for the 2007 Field Season.
- Mallios, Seth, Jaime Lennox, Hillary Sweeney, Kimberly Scott, Matthew Maxfeldt, David Caterino, Kristin Tennesen, and David Lewis, 2009, Archaeological Excavations at the Nate Harrison Site in San Diego County, California: An Interim Technical Report for the 2008 Field Season.
- Mallios, Seth, Brenda Cabello, David Caterino, Erika Kleinhaus, Jaime Lennox, David Lewis, Lauren Lingley, Matthew Maxfeldt, Jason Maywald, Anne Miller, Kimberly Scott, Olivia Smith, Sarah Stroud, Hillary Sweeney, Kristin Tennesen, Matthew Tennyson, and Robert Tews, 2017, Archaeological Excavations at the Nate Harrison Site in San Diego County, California: A Final Report of the Nate Harrison Historical Archaeology Project (Decade I, 2004-2013).
- Mann Jr., John, October 1955, "Geology of a Portion of the Elsinore Fault Zone California," *Special Report 43*. Division of Mines, San Francisco.
- Manns, William, Elizabeth Clair Flood, and Charlotte Berney, 1997, *Cowboys & the Trappings of the Old West*. Santa Fe, NM: Zon International.
- Mays, S., 1998, *The Archaeology of Human Bones*. Routledge, London.
- McCartney, C., 2006, *Forensic Identification and Criminal Justice*. Devon: Willan.
- McCutcheon, P.T., 1992, "Burned archaeological bone." In: Stein, J.K. (Ed.), *Deciphering a Shell Midden*. Academic Press, California, pp. 347-370.
- McKinley, J.I., 2000, "The analysis of cremated bone." In: Cox, M., Mays, S. (Eds.), *Human Osteology in Archaeology and the Forensic Sciences*. Cambridge University Press, Cambridge, pp. 403-490.
- Migrion, Y., G. Hoeherman, E. Springer, J. Almog, and D. Mandler, 1998, *J. Forensic Sci.* **43** 543-8.
- Migrion, Y. and D. Mandler, 1997, *J. Forensic Sci.* **42** 986-92.
- Moore, Chas C., Frederick Skiff, J.V. Baker, and C. Asher, 1915, *Official Catalogue of Exhibitors*. California: The Wahlgreen Company.
- Morris, Rick, 1988, *What The Horse Left Behind: The Archeological Study of Horseshoes*, Nevada, Proquest.
- Morrison, A. C., 1907, *The Baking Powder Controversy*. Two Volumes. New York: American Baking Powder Association.
- Myers, Adrian, 2016, "The Significance of Hotel-ware Ceramics in the Twentieth Century." *Historical Archaeology* 50(2):110-126.
- Nicholson, R.A., 1993, A morphological investigation of burnt animal bone and an evaluation of its utility in archaeology. *Journal of Archaeological Science* 20, 411-428.
- Oceanside Blade*, June 15, 1912, "Palomar Notes."
- Oceanside Blade*, August 27, 1921, "Memorial Fountain."
- Oceanside Blade*, September 17, 1921, "'Uncle Nate' Memorial."
- Oulton, Randal, 2003, "Evaporated milk." < <http://www.cooksinfo.com/evaporated-milk> > Accessed May 10, 2017.
- Pallecchi I., E. Bellingeri, C. Bernini, L. Pellegrino, A. S. Siri, and D. Marre, 2008, *J. Phys. D: Appl. Phys.* 41 doi:10.1088/0022-3727/41/12/125407.
- Parfitt, E.H., 1956, "The development of the evaporated milk industry in the United States." *Journal of Dairy Science*, 39(6):838-840.

- Perkins, Eloise, August 10, 1972, "North County Nuggets: Marker Placed," *Daily Times-Advocate*, p. B-6.
- Petrick, Gabriella M., 2010, "An Ambivalent Diet: The Industrialization of Canning." *OAH Magazine of History* 4(3): 35-38.
- Pirkle, A., 1994, *Winchester lever action repeating firearms: the models of 1866, 1873 & 1876*. Tustin, CA: North Cape Publications.
- Press Reference Library (Western edition), 2011, *Notables of the West. Being the portraits and biographies of the progressive men of the west*. New York, NY: New York Public Library.
- Ramotowski, R., 2001, *Advances in Fingerprint Technology*, ed. H. C. Lee and R. E. Gaensslen (New York: Elsevier) pp. 63-104.
- Riddell, H. S., 1951, "The Archaeology of a Paiute Village Site in Owens Valley," Berkeley, University of California Archaeological Survey Reports, 12:14-28.
- Rosenberg, Jennifer, April 14, 2017, "History of the Brownie Camera," <<https://www.thoughtco.com/brownie-camera-1779181>> Accessed June 24, 2017.
- Rowlett, R., 1991, Ancient grass fires detected by thermoluminescence. *Archaeology in Montana* 32, 29-32.
- Schwarz, Ted, 1980, *A History of United States Coinage*. London: The Tantivy Press.
- Shipman, P., G. Foster, and M. Schoeninger, 1984, Burnt bones and teeth: an experimental study of colour, morphology, crystal structure and shrinkage. *Journal of Archaeological Science* 11, 307-325.
- Shirley, D. A., 1972, *Phys. Rev.* **55** 4709-14.
- Simonis, Don, 1997, "Milk can guide." *New Mexico Archaeological Council News*MAC. 1997(3):7.
- Snodgrass, Mary Ellen, 2004, *Encyclopedia of kitchen history*. New York: Fitzroy Dearborn.
- Smith, K., and C. Kauffman, 2001, *J. Forensic Ident.* **51** 9-15.
- Snyder, Jeffrey B., No date, "Flow Blue: Early, Middle & Late," *Flow Blue: Early, Middle & Late: Flow Blue International Collectors Club*. <URL> Accessed May 15, 2017.
- Specht, Paula Eileen, 2016, "The Effects Wildfires Have On Skeletal Remains," Theses, Dissertations, Professional Papers. 10907.
- Stahl, P.W., 1996, The recovery and interpretation of microvertebrate bone assemblages from archaeological contexts. *Journal of Archaeological Method and Theory* 3 (1), 31-75.
- Stiner, M.C., 1991, Food procurement and transport by human and non-human predators. *Journal of Archaeological Science* 18, 455-482.
- Stiner, M.C., S. L. Kuhn, S. Weiner, and O. Bar Yosef, 1995, Differential burning, recrystallization, and fragmentation of archaeological bone. *Journal of Archaeological Science* 22, 223-237.
- Stuart, Gordon, 1966 *San Diego Back Country 1901*. Pacific Palisades, CA.
- Sze, S. M., 2002, *Semiconductor Devices*. Danvers: Wiley.
- Tennesen, Kristin, 2010, Survival, Subsistence, and Industry at the Nate Harrison Historical Archaeology Site. Master's thesis, Department of Anthropology, San Diego State University.
- Thomas, G. L., 1978, *J. Phys. E: Sci. Instrum.* **11** 722-31.
- Thompson, Stephen, August 17, 1972, "Letter to the Editor," *Daily-Times Advocate*.
- Tretheway, K., and J. Chamberlain, 1998, *Corrosion for Science and Engineering*. Harlow: Addison Wesley Longman.
- Van Wormer, Stephen R. and Susan D. Walter, No date, "Remember the Little Children: Archaeological and Data Recovery Program for Casa de Aguirre (CA-SDI-14527H/W-6737)." The Former Site of the Casa de Aguirre Adobe and Saint Anthony's Indian School; Dennis Gallegos, editor.
- Waite, Barbara Anne, 2015, *Elsie's Mountain: Memories of Palomar & Southern California 1897-1987*. Palomar Mountain Bookworks: Vista, California.
- Waugh, G., 1988, "Cottonwood Triangular Points from Northern San Diego County, California." *Journal of California and Great Basin Anthropology* 10:104-113.
- Wesseler, K., No date, "Do You Have Prince Albert in a Can?: A Chronology of Pocket Tobacco Tins (Dating Guide). http://www.academia.edu/20330582/Do_You_Have_Prince_Albert_in_a_Can_A_Chronology_of_Pocket_Tobacco_Tins_Dating_Guide_ Accessed May 15, 2017.
- Wood, Catherine M., 1937, *Palomar from Tepee to Telescope*. San Diego: Frye & Smith, Ltd.
- White, Phillip M. and Fitt, Stephen D., 1998, *Bibliography of the Indians of San Diego County: The Kumeyaay, Diegueño, Luiseno, and Cupeno*. The Scarecrow Press, Inc. Lanham, Md. & London.
- Yeoman, R. S., 1989, *A Guide Book of United States Coins*. Ed. Kenneth Bressett. 42nd ed. Racine: Western Publishing.

Appendix A

9268

IN THE MATTER OF THE
ESTATE
 OF

Nathan Harrison

Deceased

PLAINTIFF

VS

DEFENDANT

OFFICE OF CLERK
 OF THE
 SUPERIOR COURT
 OF THE
 STATE OF CALIFORNIA
 IN AND FOR THE
 COUNTY OF SAN DIEGO

DEC 31 1920

No. 9268 Dept. 3.

IN THE
Superior Court

OF THE
STATE OF CALIFORNIA
IN AND FOR THE
COUNTY OF SAN DIEGO

In the Matter of the Estate of

Nathan Harrison, also known
as Nate Harrison, Nathan
Harris, and Nate Harris,
Deceased.

Petition for Letters of Administration

FILED
DEC 20 1920
J. M. Lee
County Clerk

Hamilton & Lindley
ATTORNEYS FOR PETITIONER
UNION BUILDING

In the Superior Court of the State of California
In and for the County of San Diego

In the Matter of the Estate of

NATHAN HARRISON, also known as
Nate Harrison, Nathan Harris,
and Nate Harris,

Deceased

No. _____ Dept. 3. _____
Petition for Letters of Administration

To the Honorable, the Superior Court of the State of California, in and for the County of San Diego:
The petition of Edwin Reed, as Public Administrator of the County of San Diego, State of California,
respectfully shows to the Court:
That as Nate Harrison, Nathan Harris, and Nate Harris,
Nathan Harrison, also known, died at City of San Diego, County
of San Diego, State of California,
on or about the 10th day of October, 1930, and was at the date of his death
a resident of San Diego County, California and left estate in the County of San Diego, State of
California.

That the value and character of the estate of said deceased as far as known to your petitioner is as
follows, to-wit: real property of the approximate value of Two Hundred
Dollars (\$200.00).

That the names, ages and places of residence of the heirs at law, and next-of-kin of said deceased are
unknown to your petitioner.

That diligent search and inquiry have been made by your petitioner to ascertain if said deceased left
a last will and testament but that none has been found and as your petitioner is informed and believes, and
therefore alleges, said deceased died intestate.

That your petitioner is the duly elected, commissioned, qualified and acting Public Administrator of the
County of San Diego, State of California, and as such is entitled to letters of administration on the estate
of said deceased.

That the assets of said estate have not yet come into the
hands of your petitioner; that your petitioner has in his posses-
sion no money of said estate with which to pay the filing fee herein;
that it is necessary that this petition be filed, a hearing be had
and that Letters of Administration be issued to your petitioner in
order that your petitioner may acquire possession of the assets of
said estate; that he cannot otherwise acquire the possession thereof.

WHEREFORE your petitioner prays that a day be fixed for the hearing of this petition and that due
notice thereof be given for the time and in the manner provided by law, and that on said hearing an order
be made appointing your petitioner administrator of the estate of said above named deceased, and direct-
ing that letters of administration on the estate of said deceased issue to your petitioner as Public Admin-
istrator as aforesaid.

Dated this 20th day of December, 1930.

Edwin Reed
Petitioner.

HAMILTON & LINDLEY
Attorneys for Petitioner.

In the Superior Court

OF THE

State of California, County of San Diego

In the Matter of the Estate of
**Nathan Harrison, also known as
Nate Harrison, Nathan Harris and
Nate Harris**
Deceased.

Appointment by Clerk Setting Time for
Hearing Petition for Letters of Adminis-
tration, Notice and Affidavit of Posting
Notice.

I, J. B. McLEES, County Clerk and ex-officio Clerk of the Superior Court in and for the County of San Diego, State aforesaid, do hereby set FRIDAY, the 31st day of December 1920 at 10 o'clock a. m. of said day as the time, and the Court House, and the Court Room of Department No. 3 thereof of the said County of San Diego, as the place for hearing the Petition of Edwin Reed, as Public Administrator of said County

for Letters of Administration of the Estate of Nathan Harrison, also known as Nate Harrison, Nathan Harris and Nate Harris Deceased.

J. B. McLEES, Clerk.

[Signature] Deputy.

NOTICE IS HEREBY GIVEN THAT Edwin Reed, as Public Administrator

has filed with the Clerk of this Court, a Petition praying for Letters of Administration of the Estate of Nathan Harrison, also known as Nate Harrison, Nathan Harris and Nate Harris Deceased, and that

FRIDAY, the 31st day of December A. D. 1920, at 10 o'clock a. m. of that day, at the Court Room of said Court in the Court House, in the City and County of San Diego, has been set for hearing said Petition, when and where any person interested may appear and show cause why said Petition should not be granted.

J. B. McLEES, Clerk.

[Signature] Deputy.

Dated December 21st A. D. 1920.

STATE OF CALIFORNIA,
County of San Diego,

AFFIDAVIT OF POSTING

I, L. BAILEY, of San Diego County, being duly sworn, depose that he is and was at all times herein mentioned, over the age of eighteen years, and not interested in the Estate of Nathan Harrison, etc. Deceased:

That on the 21st day of December 1920, at the request and instance of the Clerk of the Superior Court, in and for the County of San Diego, he posted three copies of which the above appointment by Clerk and Notice of Hearing, in a copy, in three of the most public places in the said County of San Diego, to-wit: one of the said notices at the Front Street entrance of the Justice Court of San Diego Township, one at the G Street entrance to the City Hall, and one at the center South Front Door of the Court House; all of which places are in the City of San Diego, in the said County of San Diego.

Subscribed and sworn to before me this 21st

day of December 1920

[Signature] Clerk.
[Signature] Deputy.

21-1-20

No. 9265 Dept. No. 5

Hearing December 31st 1920

IN THE

Superior Court

STATE OF CALIFORNIA
County of San Diego

IN THE MATTER OF THE ESTATE OF

Nathan Harrison, etc.
Deceased.

Appointment by Clerk Setting Time for
Hearing Petition for Letters of Ad-
ministration Notice and Affidavit
of Posting Notice

FILED
DEC 21 1920
J. B. McLEES, CLERK

Hamilton and Lindley
Attorney for Petitioner

In the Superior Court of the State of California
In and for the County of San Diego

In the Matter of the Estate of

NATHAN HARRISON, also known as Nate
Harrison, Nathan Harris, and Nate
Harris,

Deceased

No. 9368.

Dept. 3.

Order Appointing Edwin Reed
Administrator.

Now comes the petitioner, Edwin Reed, Public Administrator of the County of San Diego, California, by Hamilton & Lindley, his attorneys, and proves to the satisfaction of the Court that his petition for Letters of Administration was filed on the 30th day of December, 1920; that on the same day the time for the hearing of same was by the clerk of this Court set for the 31st day of December, 1920, at 10 o'clock A. M. of said day. That said matter has been regularly continued to this date.

That notice of said hearing has been duly given as required by law, and it appearing that the Petitioner is the Public Administrator of the County of San Diego, California, and is legally competent and entitled to Letters of Administration on said estate, and no person appearing to contest said petition, the Court proceeds to hear the evidence and thereupon finds the facts alleged to be true and that said petition should be granted.

IT IS THEREFORE ORDERED, ADJUDGED and DECREED by the Court that said Nathan Harrison died intestate, on the 10th day of October, 1920; that he left an estate in the County of San Diego, California, and was then a resident of the County of San Diego, California; that the total value of said estate is not over Ten Thousand Dollars.

That Edwin Reed is the duly elected, qualified and acting Public Administrator of the County of San Diego, California; that said Edwin Reed as Public Administrator be and is appointed Administrator of the estate of said deceased, and that Letters of Administration thereon issue to him under his official Oath and Bond as such Public Administrator.

Dated, San Diego, California, this 7th day of January, 1921.



Judge of the Superior Court.

No. 9268

Dept. 3.

IN THE
Superior Court
 OF THE
 STATE OF CALIFORNIA
 IN AND FOR THE
 COUNTY OF SAN DIEGO

In the Matter of the Estate of

WATSON HARRISON, also known
 as Wete Harrison, Nathan Harris
 and Wete Harris,

Deceased.

Order Appointing Administrator

FILED
 JAN 7 1921
 J. B. McLEES, Clerk
J. B. McLees
 By _____

ENTERED

JAN 10 1921

PROBATE

M. B. PAGE 141

Hamilton & Lindley

ATTORNEYS FOR PETITIONER
 UNION BUILDING

In the Superior Court of the State of California

IN AND FOR THE COUNTY OF SAN DIEGO

PROBATE

IN THE MATTER OF THE ESTATE OF NATHAN HARRISON, also known as Nate Harrison, Nathan Harris, and Nate Harris, Deceased.

ORDER APPOINTING APPRAISER and designating and Appointing Inheritance Tax Appraiser to ascertain Inheritance Tax, Etc.

It is Hereby Ordered that THOMAS O'HALLARAN one of the INHERITANCE TAX APPRAISERS of San Diego County be and he is hereby appointed Appraiser to appraise the Estat. of said Deceased.

It is Hereby Further Ordered that THOMAS O'HALLARAN one of the Inheritance Tax Appraisers of said San Diego County, be, and he is hereby appointed to ascertain and report to the said Superior Court, the amount of Inheritance Tax due upon any property passing in said probate proceedings, or lien thereon, or upon any other property, by reason of any transfers thereof made by said decedent, or by reason of the death of said decedent, according to and within the meaning of the several Inheritance Tax Acts of the State of California, together with such other, or additional information as shall assist said Court in the determination of said tax.

E. A. Luce Judge of the Superior Court.

Dated January 7th A. D. 1921.

No. 9268. Dept. No. 3.

IN THE
Superior Court
OF THE
STATE OF CALIFORNIA
IN AND FOR THE
COUNTY OF SAN DIEGO

IN THE MATTER OF THE ESTATE OF
NATHAN HARRISON, also known as
Nate Harrison, Nathan Harris,
and Nate Harris,
Deceased.

ORDER APPOINTING APPRAISER

FILED
JAN 7 1921

J. B. McLEES, Clerk

By *[Signature]*
Deputy

ENTERED

JAN 10 1921

Recorded M. B. **PROBATE**

M. B. 34 PAGE 18

In the Superior Court of the State of California
IN AND FOR THE COUNTY OF SAN DIEGO

IN THE MATTER OF THE ESTATE OF

NATHAN HARRISON, also known as
Nate Harrison, Nathan Harris,
and Nate Harris,

Letters of Administration

Deceased

STATE OF CALIFORNIA }
County of San Diego } ss.

EDWIN REED, as Public Administrator of said County, is hereby appointed Administrator
of the estate of Nathan Harrison, also known as Nate Harrison, deceased,
under his official oath and bond as such administrator.

Witness, J. B. McLEES, Clerk of the Superior Court

aforesaid, with the Seal of the said Court
affixed, the 7th day
of January, 1921.

By order of the Court.

J. B. McLEES, Clerk.
By *F. B. Harrison*
Deputy Clerk.

STATE OF CALIFORNIA }
County of San Diego } ss.

I do solemnly swear that I will support the Constitution of the United States and the Con-
stitution of the State of California, and that I will faithfully perform, according to law, the duties
of Administrator of the estate of _____
Deceased.

Subscribed and sworn to before me, this _____ day of _____ A. D., 1921.

J. B. McLEES, Clerk.

By _____
Deputy Clerk.

STATE OF CALIFORNIA
County of San Diego,) ES.

I, J. B. McLEES, County Clerk of the County of San Diego, State of California, and ex-officio Clerk of the Superior Court in and for said County of San Diego hereby certify the within and foregoing to be a full, true and correct copy of Letters of Administration issued in the therein entitled matter, as the same remains of record and on file in the office of said Clerk; I further certify that the said letters have not been revoked

In Witness Whereof, I have hereunto set my hand and affixed the seal of said Court

this _____ day of _____, 192_____

J. B. McLEES, Clerk

By _____

Deputy Clerk

No. 5268. Dept. 3

IN THE
Superior Court

OF THE
STATE OF CALIFORNIA
IN AND FOR THE
COUNTY OF SAN DIEGO

IN THE MATTER OF THE ESTATE OF

MAURICE WATSON, Also known
as Paul Watson, Deceased,
and Paul Watson, Deceased,
Deceased

LETTERS OF ADMINISTRATION

OF
EDWIN REED

AS
PUBLIC ADMINISTRATOR

FILED
JAN 7 1921
J. B. McLEES, Clerk
County of San Diego

Recorded in Book of Letters No. _____
Page. _____
ENTERED

PROBATE
No. 5268. PAGE 269

IN THE SUPERIOR COURT

OF THE

COUNTY OF SAN DIEGO, STATE OF CALIFORNIA

No 8203

Department 3.

PROBATE

In the Matter of the Estate of

*Mathew Harrison, also known
as Nath Harrison, Matha
Harris and Nate Harris,
Deceased.*

Copy of Notice to Creditors and
Statement of Publication
thereof

Now comes *Edwin Reed*

as *Administrator*

of the estate of *Mathew Harrison, also
known as Nath Harrison, Matha
Harris and Nate Harris,*

deceased, and states that he has caused to be published in
THE DAILY TRANSCRIPT, a newspaper of general circula-
tion printed and published daily (except Sunday) in the City
of San Diego, in the above named State and County, a Notice
to Creditors, a printed copy of which said notice is hereto
annexed, and the date of the first publication thereof was the

3th day of *January*, 19*21*

Edwin Reed

As *Administrator* of the Estate of
Mathew Harrison, etc., deceased.

By *Hamilton & Luedley*
Attorneys

Dated *January 18* A. D. 19*21*.

NOTICE TO CREDITORS.

Notice to Creditors. Mathew Harrison, late owner of
Mathew Harrison, Matha Harris and Nate Harris,
deceased. The County of San Diego, State of California,
has caused to be published in THE DAILY TRANSCRIPT,
a newspaper of general circulation printed and published
daily (except Sunday) in the City of San Diego, in the
above named State and County, a Notice to Creditors,
a printed copy of which said notice is hereto annexed,
and the date of the first publication thereof was the
3th day of January, 1921.

Edwin Reed, Administrator of the Estate of Mathew Harrison,
late owner of Mathew Harrison, Matha Harris and Nate
Harris, deceased, has caused to be published in THE
DAILY TRANSCRIPT, a newspaper of general circulation
printed and published daily (except Sunday) in the City
of San Diego, in the above named State and County,
a Notice to Creditors, a printed copy of which said
notice is hereto annexed, and the date of the first
publication thereof was the 3th day of January, 1921.

No. *9568* Department *3*

Recorded M. B. _____ Page _____

IN THE
Superior Court
COUNTY OF SAN DIEGO,
State of California.

In the Matter of the Estate of

Malcolm MacLean, et al.
Deceased

Copy of Notice to Creditors and Statement
of Publication Thereof

FILED
JAN 18 1971
B. MCLEES, Clerk
[Signature]

Hamilton & Foundley
Attorneys for *[Signature]*

In the Superior Court of the State of California
COUNTY OF SAN DIEGO

No. 3200

Department 3


IN THE MATTER OF THE ESTATE OF

KATHAE HARRISON, also known
as Kate Harrison, Nathan
Harris and Kate Harris Deceased.

Decree Establishing Notice to Creditors

It appearing to the satisfaction of this Court that due and legal notice to the creditors of said estate has been given,

IT IS HEREBY ORDERED, ADJUDGED AND DECREED, that due and legal notice to the creditors of said Nathan Harrison, also known as Nathan Harris, and Kate Harris, deceased, has been given, and that this Decree be entered in the minutes of this Court and Recorded.



Judge of the Superior Court

Dated February 9 A. D. 1921.

131-6-1-20

1/18/21

No. 2788 Dept. 3.

Recorded M. E. Page

IN THE
Superior Court
OF THE
STATE OF CALIFORNIA
IN AND FOR THE
COUNTY OF SAN DIEGO

IN THE MATTER OF THE ESTATE OF
NATHAN THOMPSON,
Deceased

**DECREE ESTABLISHING
NOTICE TO CREDITORS**

FILED
FEB 9 1921
Clerk
[Signature]

ENTERED
FEB 10 1921
PROBATE
M. E. 84 PAGE 380

THOMPSON & LINDEY
Attorney for Administrator,

In the Superior Court of the County of San Diego,
State of California.

Affidavit of Publication

IN THE MATTER OF THE ESTATE OF

Nathan Harrison, deceased

STATE OF CALIFORNIA, ss.
County of San Diego.

Frank Grandier

, being duly sworn,

NOTICE TO CREDITORS

says that he is a citizen of the United States over eighteen years of age, and not interested as a party or otherwise in the above named matter. That he is, and at all the times hereinafter mentioned was, principal clerk of the printers and publishers of **THE DAILY TRANSCRIPT**, a newspaper of general circulation, printed and published daily, Sundays excepted, at the City of San Diego, in the above named County and State; that as such principal clerk of the printers and publishers he has, and at all times herein mentioned has had, charge of all the advertisements published in said newspaper. That the

Notice to Creditors

of which the annexed clipping is a printed copy, has been published

Twenty five consecutive times in said newspaper for a period of

Four weeks from

January 8, 1921 to February 5, 1921, both

inclusive, to-wit: upon **January 8.10.11.12.13.14.15.17.**

18.19.20.21.22.24.25.26.27.28.29.31, 1921, and

February 1.2.3.4.5, 1921

and that said publication was made in the newspaper proper, and not in a supplement.

Subscribed and sworn to before me. **February 5, 1921**

NOTARY PUBLIC IN AND FOR SAID COUNTY.

7/15/21

No. _____ Dept. _____

In the
Superior Court,
COUNTY OF SAN DIEGO,
State of California.

IN THE MATTER OF THE ESTATE

NATHAN HARRISON, also known
as Nath Harrison, Nathan
Harris and Nath Harris, deceased.

Affidavit of Publication

FILED IN CASE NO. _____

Filed _____, 192

Clerk.

By *[Signature]* Deputy.

Attorney for _____

In the Superior Court of the State of California
 In and for the County of San Diego

IN THE MATTER OF THE ESTATE OF

Nathan Harrison

CREDITOR'S CLAIM

Deceased.

The undersigned *an* creditor of *the Estate of above* deceased, present *with* claim against the Estate of said deceased, with the necessary vouchers for approval, as follows, to-wit:

Estate of *Nathan Harrison* Deceased.
 To *San Diego County Hospital* Dr.

PHONES
 SUNSET MAIN 417
 HOME 1180

D. GOCHENAUER, SURGEON-IN-CHIEF
 JAMES DUFFY, SUPERINTENDENT

SAN DIEGO, CAL. Dec. 7, 1920 190

MR Ed. Reed, Public Administrator, for Nathan Harrison

TO SAN DIEGO COUNTY HOSPITAL DR.

From Sept. 12th, 1919 to Oct. 10th, 1920 inclusive

TO HOSPITAL CARE	WEEKS	385	DAYS @	\$1.00	PER	day	385	00
" NURSE HIRE								
" SUNDRIES								
CREDIT								
BALANCE								

RECEIVED PAYMENT.

STATE OF CALIFORNIA,
 County of San Diego.

whose foregoing claim is herewith presented to the
 of said deceased, being duly sworn, says that the amount thereof, to-wit: the sum of
 is justly due to said claimant; That no payments have been made thereon which are not credited, and that
 there are no offsets to the same, to the knowledge of said affiant.

Subscribed and sworn to before me this
 day of _____, 1920

County Clerk.

By _____
 Deputy Clerk.

STATE OF CALIFORNIA
County of San Diego

E. J. Bailey being first duly sworn deposes and says: that
San Diego County Hospital whose foregoing claim is herewith presented to
of said deceased,

is (a) *County Institution*

that affiant is (b) *Superintendent*

and for that reason makes this affidavit on behalf of said (c) *Hospital*

That he knows the contents of said claim, and it is true that the amount of said claim, to-wit, the sum of
Three Hundred Eighty five dollars is justly due Claimant, that no payments have
been made thereon which are not credited, and there are no offsets to the same, to the knowledge of said affiant.

Subscribed and sworn to before me this
10 day of *Nov* A. D. 192*1*
E. J. Bailey
County Clerk
By *Notary Public*
Deputy Clerk

(a) Firm or corporation as the case may be; insert names of individuals composing copartnership; if a corporation, so state, giving name of State in which same was organized.
(b) State fully capacity in which affiant acts. If a member of a firm say so; if a managing agent, state why it is not sworn to by one of the principals; if an officer of a corporation, state what officer; if an individual claimant, so state.
(c) Firm or corporation.

FILED
FEB 19 1921

No. *9258* Dep. *3*
IN THE
Superior Court
of the
STATE OF CALIFORNIA,
In and For the
COUNTY OF SAN DIEGO
IN THE MATTER OF THE ESTATE OF
William L. Mann
Deceased.
CLAIM OF
San Diego Hospital
For \$ *385.00*

The within claim is allowed and approved for
\$ *385.00* plus *16* day of *February*
192*1*
Shun Telf
The within claim is allowed and approved for
\$ *385.00* plus *18* day of *Feb*
192*1*
W. M. ...
Judge of the Superior Court.
The within claim is rejected this *...* day of *...*
192*...*

Presented to the Judge of the Superior Court this
day of *...* 192*...*
J. B. MILES, Clerk
Deputy.

In the Superior Court of the State of California
IN AND FOR THE COUNTY OF SAN DIEGO
PROBATE

IN THE MATTER OF THE ESTATE OF
NATHAN HARRISON, also known as
Nate Harrison, Nathan Harris,
and Nate Harris,
Deceased.

INVENTORY AND APPRAISEMENT
C. C. P. Sec. 1443

I, J. B. McLEES, Clerk of the County of San Diego, State of California, and ex-officio Clerk
of the Superior Court thereof, do hereby certify that Thomas O'Hallaran

was duly appointed Appraiser of the estate of said deceased, by the order of said Court, duly entered.

Witness my hand and the seal of said Court, this
18th day of April, 1921.

J. B. McLEES, Clerk.
By L. L. [Signature]
Deputy Clerk.

STATE OF CALIFORNIA,)
County of San Diego) ss.

OATH OF APPRAISER.

Thomas O'Hallaran
duly appointed appraiser of the estate of Nathan Harrison, also known as Nate
Harrison, Nathan Harris and Nate Harris,
deceased, being duly sworn, says: That he will truly, honestly and impartially appraise the property
of said estate, which shall be exhibited to him, according to the best of his knowledge and ability.

Thomas O'Hallaran

Subscribed and sworn to before me, this
25th day of April, 1921.

[Signature]
NOTARY PUBLIC
IN AND FOR THE COUNTY OF
SAN DIEGO, STATE OF CALIFORNIA.

Read Instructions on Sixth Page.

STATE OF CALIFORNIA,)
County of San Diego,) ss.

OATH OF EXECUTOR OR ADMINISTRATOR

Edwin Reed, administrator of the estate

the
Nathan Harrison, also known as
of Nate Harrison, Nathan Harris, and deceased, being duly sworn,
Nate Harris
says: That the annexed inventory contains a true statement of all the estate of the said deceased,
which has come to the knowledge and possession of this affiant, and particularly of all moneys belong-
ing to the said deceased, and of all just claims of the said deceased against said affiant.

Edwin Reed

Subscribed and sworn to before me, this
18 day of April 1921

Robert Hamilton

NOTARY PUBLIC

is and for the County of San Diego, State of California

Estate of NATHAN HARRISON, also known as Nate Harrison, Nathan Deceased,
Harris, and Nate Harris
To Thomas O'Hallaran Appraiser, Dr.

To compensation for services in appraising said Estate—items as follows:

10 days services at \$ 5.00 per day each, \$ 50.00

Necessary disbursements—as follows: *Noting fees \$ 6.00*

STATE OF CALIFORNIA,)
County of San Diego,)

Thomas O'Hallaran

the Appraiser above named, being duly sworn, says: That the foregoing bill of items is correct and
just, and that the services have been duly rendered as therein set forth.

Thomas O'Hallaran

Subscribed and sworn to before me, this
18 day of April May 1921

Thomas O'Hallaran
NOTARY PUBLIC
IN AND FOR THE COUNTY OF
SAN DIEGO, STATE OF CALIFORNIA

APPENDIX A

..... the estate mentioned in the foregoing inventory
is separate property

I, the undersigned, duly appointed Appraiser of the estate of,
..... deceased, hereby certify that the property
mentioned in the foregoing inventory has been exhibited to me, and that I appraise the same at the
sum of Six Hundred & Seventy Five
..... DOLLARS (\$675⁰⁰).

Thomas McLean Appraiser
Dated May 25th 1924

INSTRUCTIONS TO APPRAISERS

- 1st. Before proceeding to appraise the property, take and subscribe the oath on the first page of this blank; this may be done before any officer authorized to administer oaths.
 - 2nd. Set down in the inventory all money belonging to deceased; if there be none, state that fact.
 - 3rd. Give a full description of all real estate and improvements thereon, and set down the value thereof in dollars and cents in figures in the right-hand column opposite.
 - 4th. All other personal property, setting down each article separately, with the value thereof in dollars and cents in figures opposite to the articles respectively, including all debts, partnerships and other interests, bonds, mortgages, notes and other securities for the payment of money belonging to the deceased, specifying the name of the debtor in each security, the date, the sum originally payable, the endorsements thereon, (if any), with their dates, and the sums which, in the judgment of the appraisers, may be collected on each debt, or security.
 - 5th. Appraise the property at its actual value as near as you can, as you are sworn to do so, as the Court depends upon the appraisement to know the value.
 - 6th. Make diligent inquiry and find out all the property belonging to the estate, and state so far as the same can be ascertained, what portion of the property is community property, and what portion is the separate property of the deceased.
 - 7th. Foot up the value of the several items, and set down the total at the bottom of the column in dollars and cents in figures, certify to the total value of the property, and sign the certificate at the foot of the inventory.
 - 8th. If you require pay for your services as appraiser, fill out claim on page two of this blank, sign and swear to same.
- The executor or administrator, as the case may be, must take and subscribe the oath on page two of this blank, marked "Oath of Executor or Administrator."

No. *9426* Dept. No. *5*

IN THE
Superior Court
 OF THE
 STATE OF CALIFORNIA
 IN AND FOR THE
 COUNTY OF SAN DIEGO

IN THE MATTER OF THE ESTATE OF
Nate Harrison
 deceased.

INVENTORY AND APPRAISEMENT

FILE
 JUN 1 1921
 B. McLELLAN, CLERK

Wm. H. ...
 Attorney for ...

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IN THE SUPERIOR COURT OF THE STATE OF CALIFORNIA

IN AND FOR THE COUNTY OF SAN DIEGO.

Estate of Nathan Harrison, late of said County, deceased.	}	STATE OF SALE OF REAL PROPERTY.
--	---	------------------------------------

Edwin Reed, administrator of the estate of the above named deceased, files to the Court the following return upon the sale of real property belonging to said deceased.

Said Nathan Harrison, also known as Nate Harrison, Nathan Harris and Nate Harris, died on or about the 10th day of October, 1920, and was at the date of his death a resident of San Diego County, California, and left estate in the County of San Diego, California.

Thereafter, to-wit, on or about the 7th day of January, 1921, the Superior Court of the State of California, in and for the County of San Diego, by its order duly made and entered on said date, appointed and named administrator of the estate of said deceased, and directed that letters of administration issue to said Edwin Reed, as Public Administrator of the County of San Diego, State of California, and thereafter on said day said letters of administration were duly issued to him as such Public Administrator, and he thereupon became and now is and ever since said last mentioned date has been the duly appointed, qualified and acting administrator of the estate of said deceased.

Your administrator has not sufficient money in his hands or sufficient personal property from the sale of which sufficient money can be realized with which to pay the debts outstanding against said deceased and the debts, expenses and charges of the administration of the estate of said deceased already accrued, as well as the debts, expenses and charges of the administration of

1 to the sale of said deceased which was by will, herein said
2 and in fact it is necessary to sell the real property be-
3 cause said deceased was indebted for the sum of \$1000.00 for the
4 purpose of paying the said taxes and interest thereon and
5 the said taxes and interest are in arrears and administration
6 cannot be transferred to estate.
7 It is for the advantage, benefit and best interest of the
8 estate and those interested therein that said real property be
9 sold, for the following reasons, to-wit:
10 There is not sufficient cash on hand to pay the debts and
11 expenses of administration.
12 Believing that it would be for the advantage, benefit and
13 best interest of said estate and all persons interested therein
14 that such sale be made at private sale, administrator caused
15 notice of said sale to be posted in three of the most public
16 places in the County of San Diego, California, the same being
17 the county in which the said lands and premises to be sold and
18 hereinafter described are situated, and to be published in a news-
19 paper of general circulation, printed and published in the said
20 County of San Diego County, for two weeks successively next before
21 the day specified in said notice on and after which said sale was
22 to be made; and in said notice posted and published as aforesaid,
23 said lands and premises were described with common certainty, and
24 said notice stated a day on and after which the said sale could
25 be made, and where the said sale would be made, and where bids or
26 offers for the interest of said deceased in said lands and premises
27 would be received and the day so specified in said notice was at
28 least fifteen days from the first publication and posting of said
29 notice - all of which will more fully appear from affidavits of
30 posting and of publication on file herewith and by reference made a
31 part of this return.
32
33

1 On or about the 15th day of June, 1961, said defendant bid
2 certain interest of said decedent in that certain lot, tract
3 or parcel of land herein described, the sum of six hundred
4 and 25/100 dollars (\$625.00), in full cash of the above
5 stated, or delivery, of deed by said administrator.

6 On the 17th day of June, 1961, said administrator accepted
7 said bid of Frank Williams for the interest of said decedent in said
8 real property and sold the same to him for the said sum of six
9 hundred and 25/100 dollars (\$625.00).

10 This sale was legally made and fairly conducted, and the sum
11 bid and for which the said property was sold is not disproportionate
12 to the value of said property, but is a fair and reasonable value
13 for said property, and is the highest and best bid received for said
14 property, and a bid exceeding the same bid by at least ten per cent
15 exclusive of the expenses of a such sale cannot be obtained for said
16 property.

17 The following is a description of the real property herein re-
18 ferred to and sold as herein set forth:

19 All that real property situated in the
20 County of San Diego, California, and
21 described as follows:
22 Lots numbered 1 and 2 of Section 1, 1st
23 Township 10 South of Range 1 East, of San
24 Bernardino Meridian, in California, contain-
ing 45.87 of an acre, according to the
Official Plat of the survey of said land,
returned to the Central Land Office by the
Surveyor General.

25 In a special notice of the filing of this return of sale was
26 regularly given as required by law to all persons interested and
27 their attorneys who were entitled to or had requested notice there-
28 of under the provisions of Section 126 of the Code of Civil
29 Procedure of the State of California, or otherwise.

30 While the said return does state that a hearing was had on
31 this return, and that a day was fixed for the said hearing, and
32 that on said hearing an order was made confirming and approving
33 said sale of the interest of said decedent in the above described
real property made to Frank Williams, and authorizing and directing

1 as administrator to execute and deliver to said purchaser
2 the same and sufficient deed conveying to him all the right, title
3 interest and estate in and to the above described real
4 property.

Ernest Reed

administrator of the estate of
NATHAN HARRISON, also known as
Nate Harrisson, Nath Harriss and
Nate Harris, deceased.

10 STATE OF CALIFORNIA)
11) SS.
12 COUNTY OF SAN DIEGO)

13 I, Ernest Reed, being first duly sworn, depose and testify
14 that he is the administrator of the estate of the above
15 named deceased, and that he has read the foregoing return and
16 knows the contents thereof, and that the same is true of his
17 own knowledge, except as to the matters therein stated on his
18 information and belief, and as to those matters he believes it
19 to be true.

Ernest Reed

20
21 Subscribed and sworn to before me
22 this _____ day of June, 1921.

Robert M. Hamilton

Notary Public in and for the
County of San Diego
State of California.

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IN THE SUPERIOR COURT OF THE STATE OF CALIFORNIA,
IN AND FOR THE COUNTY OF SAN DIEGO.

In the Matter of the Estate of No. 9228. Dept. 3.
NATHAN HARRISON, NOTICE OF SALE OF REAL
also known as Nate Harrison, PROPERTY.
Nathan Harris, and Kate Harris,
Deceased.)

TAKE NOTICE, that the administrator of the above estate, will on or after June 16, 1921, sell at private sale, all that real property situated in the County of San Diego, California, and described as follows:

Lots numbered 1 and 3 of Section 1, in Township 10 South of Range 1 West, of San Bernardino Meridian, in California, containing 45.55 of an acre, according to the Official Plat of the survey of said land, returned to the Central Land Office by the Surveyor General.

Bids or offers will be received at Room 420 Union Building, San Diego, California.

Dated this 31st day of May, 1921.

EDWIN REED.
Administrator of the above entitled estate.

HAMILTON & LINDLEY.
Attorneys for Administrator.

First Publication _____

No. _____ Dept. _____

In the
Superior Court,
COUNTY OF SAN DIEGO,
State of California.

Affidavit of Publication

Filed _____, 192 .

_____, Clerk.

By _____, Deputy.

Attorney for _____

19

JUN 1 1921

No. 2248 Dept. 3

IN THE
Superior Court
County of San Diego
State of California

In the Matter of the Estate of
NATHAN HARRISON, also known
as Nate Harrison, Nathan
Harris and Nate Harris,
Deceased

DEPARTMENT OF PUBLIC
PROPERTY.

FILED
JUN 20 1921
J. B. McLEERS, Clerk
[Signature]
Deputy

HAMILTON & LINDLEY
UNION BUILDING
SAN DIEGO, CAL

Attorneys for Administrator

In the Superior Court of the State of California

IN AND FOR THE COUNTY OF SAN DIEGO

PROBATE

IN THE MATTER OF THE ESTATE OF

Nathan Harrison, etc.,

Notice of Hearing Return of Sale of Real Estate.

Deceased.

Notice is Hereby Given, that Edwin Reed, administrator

of the Estate of Nathan Harrison, also known as Nate Harrison, Nathan Harris and Nate Harris, Deceased, has filed in the Superior Court a return and account of sale of real estate, of which the following is a brief description:

Lots numbered 1 and 3 of section 1, in Township 10 South of Range 1 West, of S. B. M., in California, in the County of San Diego, State of California;

as will more fully appear from said return filed as aforesaid, and to which reference is hereby made for further particulars, and that Friday, the 1st day of July, A. D. 1921, at 10 o'clock A. M. of that day, at the Court room of Department No. 3, of said Court, in the Court House, in the City of San Diego, County of San Diego, State of California, is hereby set as the time and place for hearing said Return of Sale of Real Estate, at which time and place additional bids will be received for said property.

Any person interested in said estate may on or before said date file written objections to the confirmation of said sale.

J. B. McLEES, Clerk.

Dated June 21st, 1921.

[Signature] Deputy.

AFFIDAVIT OF POSTING

No. 9268

Dept. No. 3.

Hearing July, 1st. 1921

STATE OF CALIFORNIA,)
COUNTY OF SAN DIEGO,) SS.

L. L. BAILEY, of San Diego County, being duly sworn, says: That he is and was at all times herein mentioned, over the age of eighteen years and not interested in the within entitled matter; that on

JUN 21 1921

at the request and instance of the Clerk of the Superior Court of the State of California, in and for the County of San Diego, he posted three notices, of which the within Notice of Hearing, is a copy, in three public places in the said County of San Diego, to-wit: one of the said notices at the Front Street entrance of the Justice Court No. 1 of San Diego Township, one at the G Street entrance of the City Hall, and one at the center South Front door of the Court House; the place at which said Court is held, all of which places are in the City of San Diego, in the said County of San Diego.

L. L. Bailey

Subscribed and sworn to before me

JUN 21 1921

J. B. McLees

Clerk

In the

Superior Court

of the

STATE OF CALIFORNIA

in and for the

COUNTY OF SAN DIEGO

In the Matter of the Estate of
Nathan Harrison, etc.,

Deceased.

Notice of Hearing Return of Sale
of Real Estate

FILED
JUN 21 1921

J. B. McLEES, Clerk

L. L. Bailey
Deputy

Hamilton & Lindley.

Attorney

IN THE SUPERIOR COURT OF THE STATE OF CALIFORNIA,
IN AND FOR THE COUNTY OF SAN DIEGO.

In the Matter of the Estate of) No. 9268. Dept. 3.
NATHAN HARRISON,)
also known as Nate Harrison,) ORDER CONFIRMING SALE OF REAL
Nathan Harris, and Nate Harris,) ESTATE AND ORDER DIRECTING
CONVEYANCE.

The return of sale of real estate and petition for confirma-
tion thereof by the administrator in the above entitled estate,
coming on regularly for hearing, and proof having been made to
the satisfaction of the Court, it is found that notice of said
hearing was given as required by law, that the allegations of
said return are true, and no person appearing in Court to raise
the bid ten per cent (10%), or at all:

IT IS ORDERED, that the sale of the real estate hereinafter
described, to Frank Salmons, for Six Hundred Seven and 50/100
Dollars (\$607.50), is confirmed, and that a proper conveyance
thereto be executed and delivered to the said purchaser upon
receipt of the purchase price.

Said real estate is described as follows, to-wit:

All that real property situated in the County of
San Diego, California, and described as follows:

Lots numbered 1 and 3, of Section 1, in Township
10 South, of Range 1 West, of San Bernardino Meridian,
in California, containing 47.55 of an acre, according
to the Official Plat of the Survey of said land, re-
turned to the Central Land Office by the Surveyor
General.

Dated, July 1st, 1921.

H. P. Bay
Judge of the Superior Court.

Filed this _____ day of _____ 19

of the enclosed _____

Attorney for _____

No. 9268.

Dept. _____

IN THE
Superior Court
County of San Diego
State of California

In the Matter of the Estate of

Nathan Harrison,

Deceased

ORDER CONFIRMING SALE OF
REAL ESTATE AND OTHER
PROPERTY BELONGING TO

FILED
JUL 5 1921

J. B. McLEES, Clerk
[Signature]
Deputy

ENTERED
JUL 7 1921
PROBATE

FILED PAGE 1

HAMILTON & LINDLEY
UNION BUILDING
SAN DIEGO, CAL.

Attorneys for Administrator

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IN THE SUPERIOR COURT OF THE STATE OF CALIFORNIA
IN AND FOR THE COUNTY OF SAN DIEGO.

In the Matter of the Estate of) No. 9266.) Dept. 3.
NATHAN HARRISON, also known) FIRST AND FINAL ACCOUNT,
as Nate Harrison, Nathan Harris and) REPORT AND PETITION FOR
Nate Harris,) ADMINISTRATION
Deceased.)

Edwin Reed, as administrator of the above entitled estate,
reads to the Court his first and final account and report and
presents therewith petition for marker, as follows:

A C C O U N T.

Your administrator is chargeable with:

Cash	\$ 69.44
Real property, appraised at	<u>675.00</u>
Total charges - - - -	\$744.44

Your administrator is entitled to credits as follows:

Voucher 1. J. E. McLees, filing fee	\$ 5.00
" 2. Edwin Reed, copy letters	.50
" 3. E. R. Hamilton -	
Certified copy patent	.40
Acknowledgment Inventory	.50
" Return of Sale	.50
" Affidavit Posting	.50
" Deed	.50
" Account	<u>.50</u>
Voucher 4. Thomas C'Hallaran, appraiser	2.90
" 5. Southern Title Company	5.00
" 6. The Daily Transcript	20.00
" 7. Edwin Reed, recorder's fees -	
Recording Patent	.90
" Cider Sale	1.10
Revenue on Deed	<u>1.00</u>
Voucher 8. R. L. Johnson, postire	3.00
" 9. San Diego County Hospital	1.50
" 10. Edwin Reed, statutory admr. Fee	385.00
" 11. Hamilton & Lindley, Statutory	
Attorney Fees	47.38
Loss on sale of real property	
below appraised value	<u>67.50</u>
Total credits - - - -	\$596.68

Deducting total credits from total charges leaves a balance in
the hands of your petitioner of One Hundred Forty-five and 75/100
Dollars (\$145.78) in cash.

REPORT.

1
2
3 Letters of Administration were duly issued upon said
4 estate on the 7th day of January, 1921. Notice to Creditors
5 has been published, the first publication thereof having been
6 made on the 6th day of January, 1921, a copy of which notice
7 was duly filed in Court within thirty days after first publica-
8 tion, to-wit: on the 18th day of January, 1921. Decree establish-
9 ing due notice to creditors was made and filed herein on the 9th
10 day of February, 1921. An Inventory was returned and filed in
11 this Court showing said estate to be of the value of Six Hundred
12 Seventy-five Dollars (\$675). That all claims presented and
13 allowed against said estate have been fully paid as shown by the
14 foregoing account. The estate is now in condition to be finally
15 settled and distributed; that the whole of said estate was
16 separate property of the deceased; that so far as your petitioner
17 is informed and believes there are no near heirs at law or next
18 of kin of said deceased; that there would be no inheritance tax
19 due; that all taxes have been paid against said estate.

PETITION FOR MARKER.

20
21 That after all debts and expenses of administration and
22 costs have been paid there remains in the hands of your petitioner
23 the sum of One Hundred Forty-five and 78/100 Dollars (\$145.78);
24 that the friends and old time neighbors of the above named de-
25 ceased are desirous that a marker be placed to the memory of the
26 above named deceased on the Palomar Road where he lived for so
27 many years; that if your petitioner will expend the sum of One
28 Hundred Dollars (\$100) they will raise by popular subscription
29 sufficient to pay the balance; that the marker will cost con-
30 siderably more than One Hundred Dollars (\$100), and your petitioner
31 believes that it would be nothing more than right and best to
32 commemorate the memory of the deceased in this way.
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WHEREFORE, your petitioner prays that said account and report be approved and that your petitioner be authorized to pay the sum of One Hundred Dollars (\$100) toward a marker, and for such other and further relief as to the Court may seem just and proper.

Edwin Reed

Petitioner.

Wm. H. ...
Attorneys for petitioner.

STATE OF CALIFORNIA }
COUNTY OF SAN DIEGO } SS.

Edwin Reed, being first duly sworn, on oath says:

That he is the petitioner who makes the foregoing account and report, and that all the statements therein made are true; that each item of expenditure therein set forth, to an amount not over twenty dollars, for which no voucher is produced, was actually paid out at the time and place and to the person as therein specifically stated; and that the same contains a full and true statement of all charges against him and of all credits to which he is entitled on account of said estate.

Edwin Reed

Subscribed and sworn to before me this 23rd day of August, 1921.

Robert A. Hamilton
Notary Public in and for the
County of San Diego,
State of California.

this day of 19
enclosed

SEP 16 1921

No. 9230 Dept. 3

IN THE
Superior Court
County of San Diego
State of California

Attorney for

In the Matter of the Estate of
NATHAN HARRISON, also known
as Nate Harrison, Nathan
Harris and Nate Harris,

Deceased

FIRST AND FINAL ACCOUNT,
REPORT AND PETITION FOR
WARRANT.

FILED
AUG 29 1921
J. V. McLEES, Clerk
L. A. Lacey
Deputy

HAMILTON & LINDLEY
UNION BUILDING
SAN DIEGO, CAL.

Attorneys for Administrator

In the Superior Court of the State of California
IN AND FOR THE COUNTY OF SAN DIEGO

IN THE MATTER OF THE ESTATE OF

Nathan Harrison, etc.,

Deceased.

Notice of Hearing Settlement of

Final

Account.

Notice is Hereby Given to all persons interested in the Estate of
Nathan Harrison, also known as Nate Harrison, Nathan Harris
and Nate Harris,

Deceased, that FRIDAY, the 16th. day of September, 1921, at 10 o'clock a. m.
of said day, at the Court Room of Department No. 3 of the Superior Court, at the Court House in
the City of San Diego, in said County is hereby set as the time and place for the settlement of the

Final

Account filed by

Edwin Reed, administrator

of the Estate of said Deceased, at which time and place any person interested in said Estate may
appear and file exceptions, in writing, to the said account and contest the same.

Dated Sept. 6th. 1921

14-3-1-27

J. B. McLEES, Clerk,

By *[Signature]* Deputy.

AFFIDAVIT OF POSTING

STATE OF CALIFORNIA,)
COUNTY OF SAN DIEGO,)
SS.

L. L. BARKLEY, of San Diego County, being duly sworn, says that he is and was at all times herein mentioned, over the age of eighteen years and not interested in the within entitled matter; that on

SEP 6 - 1921 at the request and instance of the Clerk of the Superior Court of the State of California, in and for the County of San Diego, he posted three notices, of which the within Notice of Hearing, is a copy, in three public places in the said County of San Diego, to-wit: one of the said notices at the Front Street entrance of the Justice Court No. 1 of San Diego Township, one at the G Street entrance of the City Hall, and one at the center South Front Door of the Court House; the place at which said Court is held, all of which places are in the City of San Diego, in the said County of San Diego.

[Handwritten signature]

Subscribed and sworn to before me

SEP 6 - 1921
[Handwritten signature] Clerk
[Handwritten signature] Deputy

No. 9268 Dept. No. 3.
Hearing Sept. 16th. 1.
1921

In the
Superior Court
of the
STATE OF CALIFORNIA
in and for the
COUNTY OF SAN DIEGO

In the Matter of the Estate of
Nathan Harrison, etc.,

Deceased.

Notice of Hearing Settlement of
Final Account

FILED
SEP 6 - 1921
J. P. McLEES, Clerk
[Handwritten signature] Deputy

Hamilton & Lindley.
Attorney

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IN THE SUPERIOR COURT OF THE STATE OF CALIFORNIA,

IN AND FOR THE COUNTY OF SAN DIEGO.

In the Matter of the Estate of)	No. 9268.	Dept. 3.
NATHAN HARRISON,)	DECREE SETTLING ACCOUNT.	
also known as Nate Harrison,)		
Nathan Harris and Nate Harris,)		
Deceased.)		

Comes now Edwin Reed, the administrator of said estate, by Hamilton & Lindley, his attorneys, and proves to the satisfaction of the Court that his final account and report was filed on the 12th day of September, 1921; that on the same day the Clerk of this Court appointed the 23rd day of September, 1921, for the settlement and hearing thereof; that due and legal notice of the time and place of said settlement and hearing has been given as required by law; and said account and petition are now presented to the Court, and no person appearing to except to or contest said account or petition, the Court, after hearing the evidence, finds said account correct;

IT IS ORDERED, ADJUDGED AND DECREED, by the Court that said Edwin Reed, as administrator, of the above entitled estate, has in his possession belonging to said estate, after deducting the credits to which he is entitled, a balance of One Hundred Forty-five and 78/100 Dollars (\$145.78) in cash; that said account be allowed and settled accordingly;

It is further ordered that said Edwin Reed, as administrator, apply One Hundred Dollars (\$100.00) of said balance on hand, upon a marker.

Dated, September 23, 1921.

E. A. Luce

 Judge of the Superior Court.

at this day of 19

the enclosed

Attorney for

No. 9268.

Dept. 3.

IN THE

Superior Court
County of San Diego
State of California

In the Matter of the Estate of

Nathan Harrison,

Deceased

DECREE SETTLING ACCOUNT.

SEP 20 1934
[Handwritten signature]

HAMILTON & LINDLEY
UNION BUILDING
SAN DIEGO, CAL.

Attorneys for Administrator

APPENDIX B

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	10065	9910	1	E	Sandy Loam		3/11/2017	Metal	iron	nails	machine cut nails
Nate Harrison	10065	9910	1	E	Sandy Loam		3/11/2017				
Nate Harrison	10065	9910	1	E	Surface Find		3/11/2017	Fauna	bone	fragments	unknown bone fragments
Nate Harrison	10065	9910	1	E	Surface Find			Glass	Glass	Fragment	glass fragment
Nate Harrison	10065	9910	1	E	Surface Find			Glass	Glass	Fragment	glass fragments
Nate Harrison	10065	9910	1	E	Surface Find			Glass	Glass	Fragment	glass fragments
Nate Harrison	10065	9910	1	F	Mixed fill	Shamoon, Torales	3/27/2017	Fauna	bone	rib fragments	rib fragment
Nate Harrison	10065	9910	1	F	Mixed fill	Shamoon, Torales	3/27/2017	Fauna	bone	tibia	small mammal tibia
Nate Harrison	10065	9910	1	F	Mixed fill	Shamoon, Torales	3/27/2017	Glass	Glass	Bottle Neck	broken at connecting point to bottle
Nate Harrison	10065	9910	1	F	Mixed fill	Shamoon, Torales	3/27/2017	Glass	Glass	Fragment	concave, undecorated
Nate Harrison	10060	9915	2	A	Mixed Fill	Hoke, Landa	3/4/2017	Glass	Glass	fragment	concave, undecorated
Nate Harrison	10060	9915	2	A	Mixed Fill	Hoke, Landa	3/4/2017	Glass	Glass	fragment	concave, undecorated
Nate Harrison	10060	9915	2	A	Mixed Fill	Hoke, Landa	3/4/2017	Metal	Metal	fragments	unknown fragments
Nate Harrison	10060	9915	2	A	Mixed Fill	Hoke, Landa	3/4/2017	Metal	Metal	Fragments	Can base
Nate Harrison	10060	9915	2	A	Sandy Loam	Hoke, Landa	2/25/2017	Glass	Glass	Fragments	concave, undecorated
Nate Harrison	10060	9915	2	A	Sandy Loam	Hoke, Landa	2/25/2017	Metal	Iron	Fragments	Fragment
Nate Harrison	10060	9915	2	A	Sandy Loam	Hoke, Landa	2/25/2017	Metal	Iron	Nail	machine cut nail
Nate Harrison	10060	9915	2	B	Mixed Fill	Hoke, Landa	2/4/2017	Fauna	Bone	Fragment	large bone fragment
Nate Harrison	10060	9915	2	B	Mixed Fill	Hoke, Landa	2/4/2017	Fauna	Bone	Fragments	small bone fragments
Nate Harrison	10060	9915	2	B	Mixed Fill	Hoke, Landa	2/4/2017	Fauna	Bone	Jaw	rodent jaw
Nate Harrison	10060	9915	2	B	Mixed Fill	Hoke, Landa	3/4/2017	Fauna	Bone	unidentified long bone	possible fire affected long bone
Nate Harrison	10060	9915	2	B	Mixed Fill	Hoke, Landa	2/4/2017	Flora	Wood	Charcoal	charcoal
Nate Harrison	10060	9915	2	B	Mixed Fill	Hoke, Landa	2/4/2017	Glass	Glass	bottle neck	bottle neck
Nate Harrison	10060	9915	2	B	Mixed Fill	Hoke, Landa	2/4/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10060	9915	2	B	Mixed Fill	Hoke, Landa	2/4/2017	Glass	Glass	Fragments	glass fragment
Nate Harrison	10060	9915	2	B	Mixed Fill	Hoke, Landa	2/4/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10060	9915	2	B	Mixed Fill	Hoke, Landa	2/4/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10060	9915	2	B	Mixed Fill	Hoke, Landa	2/4/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10060	9915	2	B	Mixed Fill	Hoke, Landa	2/4/2017	Glass	Glass	Fragments	concave, undecorated
Nate Harrison	10060	9915	2	B	Mixed Fill	Hoke, Landa	3/4/2017	Metal	Iron	Fragments	Thin, flat
Nate Harrison	10060	9915	2	B	Mixed Fill	Hoke, Landa	3/4/2017	Metal	Iron	Horse shoe	Rusted horseshoe
Nate Harrison	10060	9915	2	B	Mixed Fill	Hoke, Landa	2/4/2017	Metal	Iron	Nails	wire nail
Nate Harrison	10060	9915	2	B	Mixed Fill	Hoke, Landa	3/4/2017	Metal	Lead	Bullet	Unimpacted
Nate Harrison	10060	9915	2	B	Mixed Fill	Hoke, Landa	2/4/2017	Metal	Iron	Fragments	metal fragments
Nate Harrison	10060	9915	2	B	Sandy Loam	Hoke, Landa	3/4/2017	Fauna	bone	burned bone fragments	burnt bone fragments
Nate Harrison	10060	9895	2	B	Sandy Loam	Hoke, Landa	2/25/2017	Fauna	bone	rib fragment	rib fragment

APPENDIX B

	Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
	machine cut	No								2	machine cut
		No								4	Unknown bone fragments
		No		amber						1	amber glass fragment
	diagonal line across fragment	No		aqua						2	aqua glass fragment
		No		clear						2	clear glass fragments
		No								1	rib fragment
		No								1	small mammal tibia
		No		brown						1	bottle neck
		No		aqua						1	fragment
		No		amber						1	concave, undecorated
		No		clear						1	concave, undecorated
		No								7	unknown metal fragments
		No								1	can base fragment
	cloudy patina	no		aqua						3	Concave, undecorated
		No								4	Fragments
		no								2	machine cut nail
		No								1	large bone fragment
		No								2	small bone fragments
		No								1	small rodent jaw
	fire affected	No		white						3	possible fire affected long bone fragment
		No								1	charcoal
		No								1	bottleneck
	iridescent patina	No		clear						1	clear glass fragment
	corner piece	No		aqua						2	aqua glass fragments
		No		amber						2	amber glass fragments
		No		clear						3	clear glass fragments
		No		amber						8	amber glass fragments
		No		aqua						1	fragment
		No								5	thin, flat
		No								1	Rusted horseshoe
	heavily rusted	No								1	complete wire nail
		No								1	Unimpacted
	rusted	No								16	metal fragments
	burned	No								2	burned bone fragments
		No								1	rib fragment

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	10060	9895	2	B	Sandy Loam	Hoke, Landa	2/25/2017	Fauna	bone	rib fragment	rib fragment
Nate Harrison	10060	9895	2	B	Sandy Loam	Hoke, Landa	2/25/2017	Fauna	bone	unknown fragment	unknown fragments
Nate Harrison	10060	9915	2	B	Sandy Loam	Hoke, Landa	3/4/2017	Flora	wood	wood fragment	wood fragment
Nate Harrison	10060	9895	2	B	Sandy Loam	Hoke, Landa	2/25/2017	metal	iron	fragment	metal fragment
Nate Harrison	10060	9915	2	B	Sandy Loam	Hoke, Landa	3/4/2017	Metal	iron	fragments	metal fragments
Nate Harrison	10060	9915	2	B	Sandy Loam	Hoke, Landa	3/4/2017	Metal	Iron	fragments	wire shaped metal fragments
Nate Harrison	10060	9915	2	B	Sandy Loam	Hoke, Landa	3/4/2017	Metal	Iron	nail	machine cut nail
Nate Harrison	10060	9895	2	B	Sandy Loam	Hoke, Landa	2/25/2017	Metal	iron	wire	fragment
Nate Harrison	10065	9910	2	C	Sandy Loam	Hoke, Landa	3/4/2017	Charcoal	Wood	Charcoal	charcoal
Nate Harrison	10060	9915	2	C	Sandy Loam	Hoke, Landa	2/25/2017	Fauna	Bone	Fragment	small bone fragments
Nate Harrison	10060	9915	2	C	Sandy Loam	Hoke, Landa	2/25/2017	Fauna	Bone	Fragment	large bone fragment
Nate Harrison	10060	9915	2	C	Sandy Loam	Hoke, Landa	2/25/2017	Flora	Wood	Charcoal	charcoal
Nate Harrison	10060	9915	2	C	Sandy Loam	Hoke, Landa	2/25/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10060	9915	2	C	Sandy Loam	Hoke, Landa	2/25/2017	Glass	Glass	Fragment	rim fragment
Nate Harrison	10060	9915	2	C	Sandy Loam	Hoke, Landa	2/25/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10060	9915	2	C	Sandy Loam	Hoke, Landa	2/25/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10065	9910	2	C	Sandy Loam	Hoke, Landa	3/4/2017	Glass	glass	fragment	fragment
Nate Harrison	10065	9910	2	C	Sandy Loam	Hoke, Landa	3/4/2017	metal	alloy	Flake Fragment	flake fragment
Nate Harrison	10065	9910	2	C	Sandy Loam	Hoke, Landa	3/4/2017	Metal	alloy	wire	fragments
Nate Harrison	10060	9915	2	C	Sandy Loam	Hoke, Landa	2/25/2017	Metal	Iron	Nail	nail fragment
Nate Harrison	10065	9910	2	C	Sandy Loam	Hoke, Landa	3/4/2017	metal	iron	nail	rusted nail
Nate Harrison	10060	9915	2	C	Sandy Loam	Hoke, Landa	3/4/2017	Metal	Iron	wire bundle	wire bundle
Nate Harrison	10060	9915	2	C	Sandy Loam	Hoke, Landa	3/4/2017	Metal	iron	wire fragments	wire fragments
Nate Harrison	10060	9915	2	C	Sandy Loam	Hoke, Landa	2/25/2017	Metal	Iron	Fragment	metal fragment
Nate Harrison	10060	9915	2	D	Sandy Loam	Hoke, Landa	3/4/2017	Fauna	Bone	Fragment	bone fragments
Nate Harrison	10060	9915	2	D	Sandy Loam	Hoke, Landa	3/4/2017	Fauna	bone	Fragment	rodent maxila
Nate Harrison	10060	9915	2	D	Sandy Loam	Hoke, Landa	3/4/2017	Flora	Quartz	fragment	quartz fragment
Nate Harrison	10060	9915	2	D	Sandy Loam	Hoke, Landa	3/4/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10060	9915	2	D	Sandy Loam	Hoke, Landa	3/4/2017	Glass	Glass	Fragment	brown glass fragment
Nate Harrison	10060	9915	2	D	Sandy Loam	Hoke, Landa	3/4/2017	Glass	Glass	Fragment	blue glass fragment
Nate Harrison	10060	9915	2	D	Sandy Loam	Hoke, Landa	3/4/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10060	9915	2	D	Sandy Loam	Hoke, Landa	3/4/2017	metal	alloy	spoon	large spoon
Nate Harrison	10060	9915	2	D	Sandy Loam	Hoke, Landa	3/4/2017	Metal	Iron	fragment	metal fragment
Nate Harrison	10060	9915	2	D	Sandy Loam	Hoke, Landa	3/4/2017	Metal	Iron	rivet	iron rivet
Nate Harrison	10060	9915	2	D	Sandy Loam	Hoke, Landa	3/4/2017	Metal	iron	tube	metal tube
Nate Harrison	10060	9915	2	F	Sandy Loam	Hoke	3/25/2017	Ceramic	Flow Blue	Fragment	rim fragment
Nate Harrison	10060	9915	2	F	Sandy Loam	Hoke	3/25/2017	Flora	wood	charcoal	burned
Nate Harrison	10060	9915	2	F	Sandy Loam	Hoke	3/25/2017	Metal	alloy	spoon	heavily rusted spoon broken in half
Nate Harrison	10060	9915	2	F	Sandy Loam	Hoke	3/25/2017	Metal	iron	fragment	metal fragment
Nate Harrison	10060	9915	2	F	Sandy Loam	Hoke	3/25/2017	Metal	iron	nail	wire cut

APPENDIX B

Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
	No								1	rib fragment
	No								1	unknown fragment
	No								1	wood fragment
	No								1	metal fragments
	No								75	metal fragments
	No								9	wire shaped metal fragments
machine cut	No								3	machine cut nails
wire fragments	No								1	wire fragments
none	No								3	burned wood; charcoal;
	No								3	small bone fragments
	No								1	large bone fragment
	No								1	charcoal
concave, white patina	No		amber						1	glass fragment
lip around the edge	No		solarized amethyst						1	glass rim fragment
	No		amber						1	glass fragment
	No		clear						3	glass fragment
has line design/ possible jelly jar	No								1	
	No								1	
	No								15	metal wire fragments
rusted	No								1	nail fragment
none	No								1	Metal nail
	No								1	wire bundle
	No								7	wire fragments
rusted	No								2	metal fragments
unidentifed medium mammal	no								4	unid medium mammal bone fragment
rodent maxila	no								1	Rodent maxila
possible modification	no								1	possible modified quartz fragment
clear glass fragment	No		Clear						1	clear glass fragment
brown glass fragment	No		brown						1	brown glass fragment
blue glass fragment	No		blue						2	blue glass fragment
	No		clear						1	clear glass fragments
heavily rusted	no								1	large rusty spoon
metal fragment	No								7	metal fragments
metal rivet	no								1	metal rivete
metal tube	No								1	metal tube
	No		white/blue						1	flow blue rim fragment
burned wood	No								10	charcoal
broken in half	no								2	heavily rusted spoon broken in half
	No								1	metal fragments
wire cut nail	No								1	wire cut nail

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	10060	9915	2	G	Sandy Loam	Hoke	3/27/2017	Fauna	bone	butchered long bone fragment	butchered long bone fragment
Nate Harrison	10060	9915	2	G	Sandy Loam	Hoke	3/27/2017	Fauna	bone	butchered rib fragments	butchered rib fragments
Nate Harrison	10060	9915	2	G	Sandy Loam	Hoke	3/27/2017	Fauna	bone	unidentified rodent fragment	unidentified rodent fragment
Nate Harrison	10060	9915	2	G	Sandy Loam	Hoke	3/28/2017	Flora	Wood	Charcoal	charcoal
Nate Harrison	10060	9915	2	G	Sandy Loam	Hoke	3/28/2017	Stone	stone	stone	angular, possible ground surface?
Nate Harrison	10064.06	9921.075	6	A	Sandy Loam	Landa	3/11/2017	Fauna	bone	unidentified bone fragment	bone fragment
Nate Harrison	10064.06	9921.075	6	A	Sandy Loam	Landa	3/11/2017	Glass	Glass	Fragments	concave, undecorated
Nate Harrison	10064.06	9921.075	6	B	Sandy Loam	Landa	3/18/2017	Glass	Glass	Fragment	slightly concave, undecorated
Nate Harrison	10064.06	9921.075	6	B	Sandy Loam	Landa	3/18/2017	Metal	iron	nail	machine cut nails
Nate Harrison	10064.06	9921.075	6	C	Sandy Loam	Landa	3/11/2017	Fauna	bone	long bone possible rodent/gopher	long bone fragments
Nate Harrison	10064.06	9921.075	6	C	Sandy Loam	Landa	3/18/2017	Metal	alloy	nail or peg	metal nail or peg
Nate Harrison	10064.06	9921.075	6	C	Sandy Loam	Landa	3/18/2017	Metal	Iron	fragments	metal fragments
Nate Harrison	10064.06	9921.075	6	C	Sandy Loam	Landa	3/18/2017	Metal	Iron	nail	machine cut nail
Nate Harrison	10064.06	9921.075	6	C	Sandy Loam	Landa	3/18/2017	Metal	Iron	metal fragments	metal fragments
Nate Harrison	10060	9910	7	A	Mixed fill	Shamoon, Llamas	2/4/2017	Fauna	bone	fragments	small mammal fragments
Nate Harrison	10060	9910	7	A	Mixed fill	Shamoon, Llamas	2/4/2017	Flora	wood	Charcoal	charcoal
Nate Harrison	10060	9910	7	A	Mixed Fill	Shamoon, Llamas	2/4/2017	Glass	Glass	Bottle	complete bottle, triangle with R embossed on bottom
Nate Harrison	10060	9910	7	A	Mixed Fill	Shamoon, Llamas	2/4/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10060	9910	7	A	Mixed Fill	Shamoon, Llamas	2/4/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10060	9910	7	A	Mixed fill	Shamoon, Llamas	2/4/2017	Metal	Iron	fragments	metal fragments
Nate Harrison	10060	9910	7	A	Mixed fill	Shamoon, Llamas	2/4/2017	Metal	Iron	nail	wire cut nails
Nate Harrison	10060	9910	7	A	Mixed fill	Shamoon, Llamas	2/4/2017	Metal	Iron	possible spool	possible spool
Nate Harrison	10060	9910	7	C	Mixed Fill	Shamoon, Llamas	2/25/2017	Ceramic	Ceramic	Ceramic Fragment	lipped ceramic fragments
Nate Harrison	10060	9910	7	C	Mixed Fill	Shamoon, Llamas	2/25/2017	Fauna	Bone	Fragment	mammal long bone fragment
Nate Harrison	10060	9910	7	C	Mixed Fill	Shamoon, Llamas	2/25/2017	Fauna	Bone	Fragment	rodent long bone fragment
Nate Harrison	10060	9910	7	C	Mixed Fill	Shamoon, Llamas	2/25/2017	Glass	Glass	Fragment	green glass
Nate Harrison	10060	9910	7	C	Mixed Fill	Shamoon, Llamas	2/25/2017	Glass	Glass	Fragment	glass bottle fragment
Nate Harrison	10060	9910	7	C	Mixed Fill	Shamoon, Llamas	2/25/2017	Glass	Glass	Fragment	brown glass fragment

APPENDIX B

	Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
	butchered	No								1	butchered long bone fragment
	butchered	No								3	butchered rib fragments
		No								1	unidentified rodent fragment
	burned	No		Black						3	burned charcoal fragments
		No								1	angular stone
		No								1	fragment of unidentified bone
		no		brown						2	Concave, undecorated
	iridescent patina	No		clear						1	fragment
		No								3	machine cut nail
		No								2	possible long bone of a gopher
		No								1	nail or peg
		No								2	metal fragments
	machine cut nail	No								1	machine cut nail
		No								25	metal fragments
		No								4	small mammal fragments
	burned	No								12	charcoal fragments
	iridescent patina	No		clear						1	Bottle
		No		green						1	green glass fragment
	one rim fragment, iridescent patina	No		clear						4	clear glass fragments
		No								5	metal fragments
		No								2	wire cut nails
		no								1	possible spool
	white	No								2	lipped white cermaic fragment
	root etching	No								1	Mammal long bone fragment with root etching
	small fragments	No								1	Small rodent long bone fragment
	concave	No		Green						2	concave green glass fragment
	bottom of bottom fragment	No		Brown						1	bottom fragment of brown bottle
		No		Brown						1	brown glass fragment

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	10060	9910	7	C	Mixed Fill	Shamoon, Llamas	2/25/2017	Glass	Glass	Fragment	concave glass fragments
Nate Harrison	10060	9910	7	C	Mixed Fill	Shamoon, Llamas	2/25/2017	Glass	Glass	Fragments	clear glass fragments
Nate Harrison	10060	9910	7	C	Mixed Fill	Shamoon, Llamas	2/25/2017	Metal	Alloy	Bullet Casing	spent ammunition, green coloring
Nate Harrison	10060	9910	7	C	Mixed Fill	Shamoon, Llamas	2/25/2017	Metal	Alloy	Button	brass button
Nate Harrison	10060	9910	7	C	Mixed Fill	Shamoon, Llamas	2/25/2017	Metal	Iron	Nail	nails
Nate Harrison	10060	9910	7	C	Mixed Fill	Shamoon, Llamas	2/25/2017	Metal	Iron	rivet	iron rivet
Nate Harrison	10060	9910	7	C	Sandy Loam	Shamoon, Llamas	3/18/2017	Metal	brass	Unknown	Possible pencil ferrule
Nate Harrison	10060	9910	7	D	Sandy Loam	Shamoon, Llamas	3/11/2017	Ceramic	White-ware	Fragment	whiteware fragment
Nate Harrison	10060	9910	7	D	Sandy Loam	Shamoon, Llamas	3/4/2017	Fauna	Bone	fragmented rib bone	rib bone
Nate Harrison	10060	9910	7	D	Sandy Loam	Shamoon, Llamas	3/4/2017	Fauna	Shell	shell button	shell utton
Nate Harrison	10060	9910	7	D	Sandy Loam	Shamoon, Llamas	3/4/2017	Glass	Glass	Fragments	concave, undecorated
Nate Harrison	10060	9910	7	D	Sandy Loam	Shamoon, Llamas	3/4/2017	Glass	Glass	Fragments	concave, undecorated
Nate Harrison	10060	9910	7	D	Sandy Loam	Shamoon, Llamas	3/4/2017	Glass	Glass	Fragments	concave, undecorated
Nate Harrison	10060	9910	7	D	Sandy Loam	Shamoon, Llamas	3/4/2017	Metal	alloy	rivet	shirt rivet
Nate Harrison	10060	9910	7	D	Sandy Loam	Shamoon, Llamas	3/11/2017	Metal	Iron	ferrule	metal ferrule
Nate Harrison	10060	9910	7	D	Sandy Loam	Shamoon, Llamas	3/11/2017	metal	iron	nail	wire cut nail
Nate Harrison	10060	9910	7	D	Sandy Loam	Shamoon, Llamas	3/11/2017	Metal	Iron	nail	machine cut nail
Nate Harrison	10060	9910	7	E	Sandy Loam	Shamoon, Llamas	3/25/2017	Ceramic	Ceramic	whiteware	whiteware fragments
Nate Harrison	10060	9910	7	E	Sandy Loam	Shamoon, Llamas	3/25/2017	Fauna	Bone	long bone fragments	long bone fragments
Nate Harrison	10060	9910	7	E	Sandy Loam	Shamoon, Llamas	3/25/2017	Fauna	Bone	Rib fragments	rib fragments
Nate Harrison	10060	9910	7	E	Sandy Loam	Shamoon, Llamas	3/25/2017	Fauna	Bone	rodent bone fragment	rodent bone fragment
Nate Harrison	10060	9910	7	E	Sandy Loam	Shamoon, Llamas	3/25/2017	glass	glass	fragments	concave, undecorated
Nate Harrison	10060	9910	7	E	Sandy Loam	Shamoon, Llamas	3/25/2017	glass	glass	fragments	concave, undecorated
Nate Harrison	10060	9910	7	E	Sandy Loam	Shamoon, Llamas	3/25/2017	glass	glass	fragments	concave, undecorated
Nate Harrison	10060	9910	7	E	Sandy Loam	Shamoon, Llamas	3/25/2017	Metal	iron	fragment	iron fragments
Nate Harrison	10060	9910	7	E	Sandy Loam	Shamoon, Llamas	3/25/2017	Metal	iron	nail	machine cut nails
Nate Harrison	10060	9910	7	E	Sandy Loam	Shamoon, Llamas	3/25/2017	Metal	Iron	nail	wire cut nails
Nate Harrison	10060	9910	7	F	Sandy Loam	Shamoon, Llamas	3/25/2017	Ceramic	Ceramic	ceramic fragment	unknown purpose
Nate Harrison	10060	9910	7	F	Sandy Loam	Shamoon, Llamas	3/25/2017	fauna	bone	bone fragments	Unknown bone fragments

APPENDIX B

Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
	No		solarized amethyst						2	solarized amethyst glass fragments
	No		Clear						6	clear glass fragments
small caliber	No								1	small caliber spent bullet casing
possible plant logo	No		Brass						1	brass button with possible plant mark
	No								4	nails
	No								1	iron rivet
possible pencil ferrule	Yes								1	pencil ferrule
	No		white						1	whiteware fragment
butchered	No								3	possible deer rib bone fragment
made of shell	No								1	shell button
Iridescent patina	No		clear						4	fragments
Iridescent patina	No		brown						3	fragments
Iridescent patina	No		aqua						1	fragments
metal shirt rivet	No								1	metal shirt rivet
	No								1	metal ferrule
wire cut	No								1	wire cut nail
machine cut	No								2	machine cut nail
	No		white						2	whiteware fragments
	no								2	long bone fragments
	no								3	rib fragment
	No								14	rodent bone fragment
iridescent patina	no		amber						2	concave, undecorated
	no		aqua						1	concave, undecorated
iridescent patina	no		clear						7	concave, undecorated
	No								1	iron fragments
machine cut	No								2	machine cut nails
wire cut nails	No								1	wire cut
	no								1	ceramic fragment
	no								3	bone fragments

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	10060	9910	7	F	Sandy Loam	Shamoon, Llamas	3/25/2017	Fauna	bone	rib fragment	rib fragment
Nate Harrison	10060	9910	7	F	Sandy Loam	Shamoon, Llamas	3/25/2017	Flora	wood	Charcoal	charcoal
Nate Harrison	10060	9910	7	F	Sandy Loam	Shamoon, Llamas	3/25/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10060	9910	7	F	Sandy Loam	Shamoon, Llamas	3/25/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10060	9910	7	F	Sandy Loam	Shamoon, Llamas	3/25/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10060	9910	7	F	Sandy Loam	Shamoon, Llamas	3/25/2017	Metal	alloy	rivet	rivet for cloth
Nate Harrison	10060	9910	7	F	Sandy Loam	Shamoon, Llamas	3/25/2017	Metal	iron	nail	wire cut nail
Nate Harrison	10060	9910	7	F	Sandy Loam	Shamoon, Llamas	3/25/2017	Metal	iron	nail	machine cut nail
Nate Harrison	10060	9910	7	F	Sandy Loam	Shamoon, Llamas	3/25/2017	Metal	iron	fragments	metal fragments
Nate Harrison	10060	9910	7	G	Sandy Loam	Shamoon, Torales	3/27/2017	Fauna	Bone	Vertebrae	vertebrae
Nate Harrison	10060	9910	7	G	Sandy Loam	Shamoon, Torales	3/27/2017	Metal	Iron	Button	iron button
Nate Harrison	10060	9910	7	G	Sandy Loam	Shamoon, Torales	3/27/2017	Metal	Iron	Nail	Wire cut nails
Nate Harrison	10060	9910	7	G	Sandy Loam	Shamoon, Torales	3/27/2017	Metal	Iron	Wire	wire fragments
Nate Harrison	10060	9910	7	G	Sandy Loam	Shamoon, Torales	3/27/2017	Metal	unknown	rivet	metal rivet
Nate Harrison	10060	9910	7	H	Sandy	Shamoon, Torales	3/28/2017	Fauna	Bone	Rodent	Rodent bones
Nate Harrison	10060	9910	7	H	Sandy	Shamoon, Torales	3/28/2017	Fauna	Bone	Vertebrae Half	Possibly sawed in half
Nate Harrison	10060	9910	7	H	Sandy	Shamoon, Torales	3/28/2017	Flora	Wood	Charcoal	burned
Nate Harrison	10055	9915	11	A	Mixed Fill	Searl, Farnsworth	3/30/2017	Metal	Iron	fragment	metal fragment
Nate Harrison	10055	9915	11	A	Mixed Fill	Searl, Farnsworth	3/30/2017	Metal	Iron	nail	wire cut nail
Nate Harrison	10055	9915	11	A	Mixed Fill	Searl, Farnsworth	3/30/2017	Metal	Iron	Nail	machine cut nail
Nate Harrison	10055	9915	11	A	Mixed Fill	Searl, Farnsworth	3/30/2017	Metal	Iron	Wire	wire fragment
Nate Harrison	10055	9915	11	A	Sandy Loam	Holcomb, Turner	3/27/2017	Fauna	bone	bone fragments	bone fragments
Nate Harrison	10055	9915	11	A	Sandy Loam	Holcomb, Turner	3/27/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10055	9915	11	A	Sandy Loam	Holcomb, Turner	3/27/2017	glass	glass	glass fragment	brown glass fragment
Nate Harrison	10055	9915	11	A	Sandy Loam	Holcomb, Turner	3/27/2017	glass	glass	glass fragment	green glass fragment
Nate Harrison	10055	9915	11	A	Sandy Loam	Holcomb, Turner	3/27/2017	Glass	Glass	glass fragment	clear glass fragment
Nate Harrison	10055	9915	11	A	Sandy Loam	Holcomb, Turner	3/27/2017	glass	Glass	glass fragment	clear glass fragment w/ lettering
Nate Harrison	10060	9910	11	A	Sandy Loam	Mallios	3/25/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10060	9910	11	A	Sandy Loam	Mallios	3/25/2017	Glass	Glass	Fragment	glass fragment

APPENDIX B

Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
	no								1	rib fragment
burned	No								5	charcoal
white patina	No		red						1	red glass fragment
one piece is corner fragment	No		clear						2	clear glass fragments
one piece is corner fragment	No		aqua						2	aqua glass fragments
metal clothing rivet	No								1	metal cloth rivet
wire cut	No								1	wire cut nail
machine cut	No								1	machine cut nails
	No								2	metal fragments
	No								1	vertebrae
	No								1	iron button
wire cut	No								2	wire cut nail
	No								2	wire fragments
	No								1	metal rivet
	No								2	Rodent Bones
	No								2	Possibly sawed in half
burned	No								2	burned
	No								1	metal fragment
wire cut	No								1	wire cut nails
machine cut	No								1	machine cut nail
	No								1	wire fragment
	no								2	bone fragments
	No		clear						3	clear glass fragments
	No		brown						1	brown glass fragment
	No		green						1	green glass fragment
	No		clear						1	clear glass fragment
partial wording on one side	Yes		clear						1	clear glass fragment W/ lettering (unidentified lettering)
opaque	No		white						1	white opaque glass fragment
scratched	No		aqua						1	aqua glass fragment

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	10060	9910	11	A	Sandy Loam	Mallios	3/25/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10060	9910	11	A	Sandy Loam	Mallios	3/25/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10060	9910	11	A	Sandy Loam	Mallios	3/25/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10055	9915	11	A	Sandy Loam	Turner	3/30/2017	Metal	iron	wire	wire fragments
Nate Harrison	10055	9915	11	A	Sandy Loam	Holcomb, Turner	3/27/2017	metal	metal	metal buckle	small metal buckle
Nate Harrison	10055	9915	11	A	Sandy Loam	Holcomb, Turner	3/27/2017	metal	metal	metal flake	metal flakes unidentified
Nate Harrison	10055	9915	11	A	Sandy Loam	Holcomb, Turner	3/27/2017	metal	metal	metal nail	metal wire nail
Nate Harrison	10055	9915	11	A	Sandy Loam	Holcomb, Turner	3/27/2017	metal	metal	metal nail (rectangular)	rectangular metal nails
Nate Harrison	10055	9915	11	A	Sandy Loam	Holcomb, Turner	3/27/2017	metal	metal	metal shoe eyelet w/ leather fragmnts	metal shoe eyelet w/leather pieces
Nate Harrison	10055	9915	11	A	Sandy Loam	Holcomb, Turner	3/27/2017	plastic	plastic	button	small possible synthetic plastic button
Nate Harrison	10055	9915	11	A	Surface Find 17	Mallios	2/25/2017	Metal	iron	staple	metal staple
Nate Harrison	10055	9915	11	B	Sandy Loam	Searl, Farnsworth	3/30/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10055	9915	11	B	Sandy Loam	Searl, Farnsworth	3/30/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10055	9915	11	B	Sandy Loam	Searl, Farnsworth	3/30/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10055	9915	11	B	Sandy Loam	Searl, Farnsworth	3/30/2017	Metal	Alloy	Bullet	Bullet still in casing
Nate Harrison	10055	9915	11	B	Sandy Loam	Searl, Farnsworth	3/30/2017	Metal	Iron	Handle	curved handle
Nate Harrison	10055	9915	11	B	Sandy Loam	Searl, Farnsworth	3/30/2017	Metal	Iron	Can	can fragment
Nate Harrison	10055	9915	11	B	Sandy Loam	Searl, Farnsworth	3/30/2017	Metal	Iron	Fragments	metal fragments
Nate Harrison	10055	9915	11	C	Sandy Loam	Searl, Farnsworth	3/30/2017	Glass	Glass	fragment	clear glass fragment
Nate Harrison	10055	9915	11	C	Sandy Loam	Searl, Farnsworth	3/30/2017	glass	glass	fragment	clear glass fragment
Nate Harrison	10055	9915	11	C	Sandy Loam	Searl, Farnsworth	3/30/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10055	9915	11	C	Sandy Loam	Searl, Farnsworth	3/30/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10055	9915	11	C	Sandy Loam	Searl, Farnsworth	3/30/2017	metal	aluminum alloy	unidentified	round metal ring) unidentified)
Nate Harrison	10055	9915	11	C	Sandy Loam	Searl, Farnsworth	3/30/2017	metal	unknown	fragments	metal flakes unidentified
Nate Harrison	10055	9915	11	D	Sandy Loam	Holcomb, Turner	3/28/2017	Fauna	Bone	rib	rib fragments
Nate Harrison	10055	9915	11	D	Sandy Loam	Holcomb, Turner	3/28/2017	Glass	glass	fragment	undecorated
Nate Harrison	10055	9915	11	D	Sandy Loam	Holcomb, Turner	3/28/2017	Metal	Iron	ring fragment	ring fragment
Nate Harrison	10055	9915	11	D	Sandy Loam	Holcomb, Turner	3/28/2017	Metal	Iron	Saddle ring	saddle ring
Nate Harrison	10055	9915	11	D	Sandy Loam	Holcomb, Turner	3/28/2017	Stone	chipped stone	flake	chipped stone flake
Nate Harrison	10055	9915	11	E	Sandy Loam	Turner	3/29/2017	Fauna	Bone	Fragment	rib fragment

APPENDIX B

Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
	No		solarized amethyst						1	amethyst glass fragment
	No		yellow						1	yellow glass fragment
	No		clear						3	clear glass fragments
	No								2	wire fragments
none	No		rust						1	rusted small metal buckle
none	No								1	
none	No								2	
none	No								3	rectangular metal nails
leather component	No								2	(2) metal shoe eyelets, w/ leather remnants
4 holes	No		white						1	small 4 hole white possible plastic button
	No								1	metal staple
concave	No		aqua						1	aqua glass fragment
partial letters	Yes		clear						1	clear glass fragment
	No		solarized amethyst						1	amethyst glass fragment
	No								1	bullet casing
rusted	No								1	curved metal handle
rusted	No								1	can fragment
rusted	No								12	metal fragments
None	No		clear						2	clear glass fragment, curved
None	No		clear						1	clear flat glass
	No		amber						1	amber glass fragment
	No		clear						1	clear glass fragment
none	No								3	unidentified
none	no								15	unidentified metal flakes
	No								2	rib fragments
iridescent patina	No		clear						1	glass fragment
	No								1	ring fragment
	no								1	saddle ring
	No								2	Chipped stone flake
	No								1	rib fragment

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	10055	9915	11	E	Sandy Loam	Turner	3/29/2017	Glass	Glass	Fragment	clear, flat
Nate Harrison	10055	9915	11	E	Sandy Loam	Turner	3/29/2017	Glass	Glass	Fragment	clear, slight concave
Nate Harrison	10055	9915	11	E	Sandy Loam	Turner	3/29/2017	Glass	Glass	Fragment	blue, flat
Nate Harrison	10055	9915	11	E	Sandy Loam	Turner	3/29/2017	Metal	Alloy	Fragment	Fragment
Nate Harrison	10055	9915	11	E	Sandy Loam	Turner	3/29/2017	Other	Rubber	Pipestem	Pure Rubber stamp, Makers mark C.P.E. inside oval shape
Nate Harrison	10060	9910	11	F	Sandy Loam	Turner	4/8/2017	Fauna	bone	femur	small mammal femur
Nate Harrison	10060	9910	11	F	Sandy Loam	Turner	4/8/2017	Fauna	bone	fragments	unknown bone fragments
Nate Harrison	10060	9910	11	F	Sandy Loam	Turner	4/8/2017	Glass	Glass	Fragment	concave, undecorated
Nate Harrison	10060	9910	11	F	Sandy Loam	Turner	4/8/2017	Glass	Glass	Fragment	Flat
Nate Harrison	10060	9910	11	F	Sandy Loam	Turner	4/8/2017	Glass	Glass	Fragment	concave, undecorated
Nate Harrison	10055	9915	11	F	Sandy Loam	Turner	4/8/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10055	9915	11	F	Sandy Loam	Turner	4/8/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	1055	9915	11	F	Sandy Loam	Turner	4/8/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	1055	9915	11	F	Sandy Loam	Turner	4/8/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10060	9910	11	F	Sandy Loam	Turner	4/8/2017	Metal	Iron	Nail	Wire nail
Nate Harrison	10055	9915	11	G	Sandy Loam	Turner	3/31/2017	Fauna	Bone	bone fragments	unidentified bone fragments
Nate Harrison	10055	9915	11	G	Sandy Loam	Turner	3/31/2017	Glass	Glass	glass fragment	concave, undecorated
Nate Harrison	10055	9915	11	G	Sandy Loam	Turner	3/31/2017	Glass	glass	glass fragment	concave, undecorated
Nate Harrison	10055	9915	11	G	Sandy Loam	Turner	3/31/2017	metal	iron	metal fragments	metal fragment
Nate Harrison	10055	9910	14	A	Mixed Fill	Bradley, Turner	2/4/2017	Ceramic	White-ware	Fragment	whiteware fragment
Nate Harrison	10055	9910	14	A	Mixed Fill	Bradley, Turner	2/4/2017	Ceramic	White-ware	Fragments	small whiteware fragments
Nate Harrison	10055	9910	14	A	Mixed Fill	Bradley, Turner	2/4/2017	Fauna	Bone	Fragment	large bone fragment
Nate Harrison	10055	9910	14	A	Mixed Fill	Bradley, Turner	2/4/2017	Fauna	Bone	Fragment	claw
Nate Harrison	10055	9910	14	A	Mixed Fill	Bradley, Turner	2/4/2017	Fauna	Bone	Fragment	small bone fragment
Nate Harrison	10055	9910	14	A	Mixed Fill	Bradley, Turner	2/4/2017	Fauna	Shell	Button	shell button
Nate Harrison	10055	9910	14	A	Mixed Fill	Bradley, Turner	2/4/2017	Flora	Wood	Chunk	small piece of wood
Nate Harrison	10055	9910	14	A	Mixed Fill	Bradley, Turner	2/4/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10055	9910	14	A	Mixed Fill	Bradley, Turner	2/4/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10055	9910	14	A	Mixed Fill	Bradley, Turner	2/4/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10055	9910	14	A	Mixed Fill	Bradley, Turner	2/4/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10055	9910	14	A	Mixed Fill	Bradley, Turner	2/4/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10055	9910	14	A	Mixed Fill	Bradley, Turner	2/4/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10055	9910	14	A	Mixed Fill	Bradley, Turner	2/4/2017	Metal	Alloy	Button	metal button

APPENDIX B

Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
clear glass fragment	No		clear						1	clear, flat
clear glass fragment	No		clear						1	clear, slightly concave
blue glass fragment	No		blue						1	blue, flat
rusted fragments	No								1	rusted metal fragments
Pipestem	Yes								1	Pure Rubber stamp, Makers mark C.P.E. inside oval shape
	No								1	small mammal femur
	No								3	Unknown bone fragments
	No		clear						1	Concave, undecorated
	No		aqua						1	flat
	No		clear						1	Concave, undecorated
	No		clear						3	clear glass fragments
	No		clear						3	clear glass fragments
	No		amber						1	amber glass fragment
	No		amber						1	amber glass fragment
	No								1	Wire nail
	no								1	bone fragments
	No		aqua						1	concave, undecorated
	No		amber						1	concave, undecorated
	No								1	metal fragment
cracked finish	No		white						1	whiteware fragment
hint of yellow on one piece	No		white						3	whiteware fragments
possible tarsal	No								1	large bone fragment
	No								1	claw fragment
	No								1	small bone fragment
two holes in middle	No		white						1	white shell button
	No								1	piece of wood
	No		green						1	green glass fragment
	No		aqua						1	aqua glass fragment
frosted	No		clear						1	frosted glass fragment
scratched	No		amber						2	amber glass fragments
	No		solarized amethyst						5	amethyst glass fragments
iridescent patina	No		clear						6	
cross-hatched rectangle pattern on front	No								1	metal button

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	10055	9910	14	A	Mixed Fill	Bradley, Turner	2/4/2017	Metal	Iron	Fragments	metal fragments
Nate Harrison	10055	9910	14	A	Mixed Fill	Bradley, Turner	2/4/2017	Metal	Iron	Screw	screw
Nate Harrison	10055	9910	14	A	Mixed Fill	Bradley, Turner	2/4/2017	Metal	Iron	Buckle	small buckle
Nate Harrison	10055	9910	14	A	Mixed Fill	Bradley, Turner	2/4/2017	Metal	Iron	Nails	nails
Nate Harrison	10055	9910	14	C	Sandy Loam	Turner, Bradley	2/25/2017	Ceramic	Ceramic	Whiteware	whiteware fragments
Nate Harrison	10055	9910	14	C	Sandy Loam	Turner, Bradley	2/25/2017	Glass	Glass	fragments	concave, undecorated
Nate Harrison	10055	9910	14	C	Sandy Loam	Turner, Bradley	2/25/2017	Glass	Glass	fragments	flat, undecorated
Nate Harrison	10055	9910	14	C	Sandy Loam	Turner, Bradley	2/25/2017	Glass	Glass	fragments	concave, undecorated
Nate Harrison	10055	9910	14	C	Sandy Loam	Turner, Bradley	2/25/2017	Metal	Iron	fragments	metal fragments
Nate Harrison	10055	9910	14	C	Sandy Loam	Turner, Bradley	2/25/2017	metal	iron	machine cut nail	machine cut nail
Nate Harrison	10055	9910	14	C	Sandy Loam	Turner, Bradley	2/25/2017	Metal	Iron	spoon handle	"cheap" spoon handle
Nate Harrison	10055	9910	14	C	Sandy Loam	Turner, Bradley	2/25/2017	Metal	Iron	unknown metal piece	slight hook
Nate Harrison	10055	9910	14	C	Sandy Loam	Turner, Bradley	2/25/2017	Metal	iron	wire nail	wire cut nail
Nate Harrison	10055	9910	14	C	Sandy Loam	Turner, Bradley	2/25/2017	other	volcanized rubber	unknown	Curved with high ridges on either side
Nate Harrison	10055	9910	14	D	Sandy Loam	Turner, Bradley	3/4/2017	Ceramic	Ceramic	fragment	yelloware fragment
Nate Harrison	10055	9910	14	D	Sandy Loam	Turner, Bradley	3/4/2017	Glass	Glass	fragment	glass fragment
Nate Harrison	10055	9910	14	D	Sandy Loam	Turner, Bradley	3/4/2017	Glass	Glass	fragment	glass fragment
Nate Harrison	10055	9910	14	D	Sandy Loam	Turner, Bradley	3/4/2017	Glass	Glass	fragment	glass fragment
Nate Harrison	10055	9910	14	D	Sandy Loam	Turner, Bradley	3/4/2017	Metal	Iron	nail	machine cut nail
Nate Harrison	10055	9910	14	E	Sandy Loam	Bradley, Turner	3/4/2017	Fauna	bone	fragments	Unknown bone fragments
Nate Harrison	10055	9910	14	F	Sandy Loam	Turner, Bradley	3/11/2017	Fauna	Bone	Fragment	Fragment
Nate Harrison	10055	9910	14	F	Sandy Loam	Turner, Bradley	3/11/2017	Fauna	Bone	Rodent Radius	Rodent Radius
Nate Harrison	10055	9910	14	F	Sandy Loam	Turner, Bradley	3/11/2017	Fauna	bone	Ulna Fragment	Ulna Fragment
Nate Harrison	10055	9910	14	F	Sandy Loam	Turner, Bradley	3/11/2017	Glass	Glass	Fragment	Straight, undecorated
Nate Harrison	10055	9910	14	F	Sandy Loam	Turner, Bradley	3/11/2017	Glass	Glass	Fragment	concave, undecorated
Nate Harrison	10055	9910	14	G	Sandy Loam	Bradley, Turner	3/11/2017	Ceramic	White-ware	Fragment	whiteware fragment
Nate Harrison	10055	9910	14	G	Sandy Loam	Bradley, Turner	3/11/2017	Fauna	bone	fragments	bone fragments
Nate Harrison	10055	9910	14	G	Sandy Loam	Bradley, Turner	3/11/2017	Glass	glass	fragment	concave, undecorated
Nate Harrison	10055	9910	14	G	Sandy Loam	Bradley, Turner	3/11/2017	Metal	Iron	bolt	tiny bolt

APPENDIX B

Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
rusted	No								6	metal fragments
rusted	No								1	screw
middle piece still attached, square	No								1	small metal buckle
rusted	No								5	nails
	No		white						1	whiteware fragments
iridescent patina	No		clear						3	concave, undecorated
	No		clear						1	flat, undecorated
iridescent patina	No		amber						8	concave, undecorated
	No								2	metal fragments
machine cut	No								1	machine cut nail
	No								1	spoon handle
slight hook	No								1	metal hook piece
wire cut	No								1	wire cut nail
	No								1	unknown curved rubber object
yelloware fragment	No		yellow/white						1	yelloware fragment
brown glass fragment	No		brown						2	Brown glass fragment
clear glass fragment	No		clear						2	clear glass fragment
blue glass fragment	No		blue						1	blue glass fragment
machine cut nail	No								1	machine cut nails
	No								2	Unknown bone fragments
	No								1	Fragment
	No								1	Rodent Radius
Trochlear Notch	No								1	Trochlear Notch
	No		Clear						2	Thin, flat
	No		Solarized Amethyst						2	concave, undecorated
	No		white						1	whiteware fragment
	no								3	bone fragments
	No		clear						1	fragment
	No								1	tiny bolt

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	10055	9910	14	G	Sandy Loam	Bradley, Turner	3/4/2017	Metal	Iron	Buckle	Boot or suspender buckle
Nate Harrison	10055	9910	14	G	Sandy Loam	Bradley, Turner	3/11/2017	Metal	Iron	Tack	metal tack
Nate Harrison	10055	9905	18	A	Surface Find 12		2/11/2017	Metal	Alloy	nickel	1901 Liberty "V" Barber Nickle
Nate Harrison	10070	9910	23	A	Surface Find	Mallios	3/18/2017	Ceramic	White-ware	Fragment	whiteware fragment
Nate Harrison	10070	9910	23	A	Surface Find	Mallios	2/25/2017	Glass	Glass	bottle fragment	concave, undecorated
Nate Harrison	10070	9910	23	A	Surface Find	Mallios	2/25/2017	Glass	Glass	Bottle Neck	bottle neck
Nate Harrison	10070	9910	23	A	Surface find	Mallios	2/25/2017	Glass	Glass	glass fragment	Flat
Nate Harrison	10070	9910	23	A	Surface Find	Mallios	2/25/2017	Glass	Glass	glass fragment	concave, undecorated
Nate Harrison	10070	9910	23	A	Surface Find	Mallios	2/25/2017	Glass	Glass	glass fragment	flat
Nate Harrison	10070	9910	23	A	Surface Find	Mallios	2/25/2017	Metal	unknown	Fragments	metal fragments
Nate Harrison	10070	9910	23	A	Surface Find	Mallios	2/25/2017	Stone	Quartz	Quartz	Flat base
Nate Harrison	10070	9910	23	A	Surface Find 16	Mallios	3/18/2017	Fauna	Bone	unidentified fire affected bone fragment	bone fragment
Nate Harrison	10070	9910	23	A	Surface Find 23	Mallios	2/25/2017	Glass	Glass	fragments	undecorated
Nate Harrison	10070	9910	23	A	Surface Find 24	Mallios	2/25/2017	Glass	Glass	fragments	concave, undecorated
Nate Harrison	10070	9910	23	A	Surface Find 25	Mallios	2/25/2017	Glass	Glass	bottom fragment	"CONTENTS 22 OZ" embossed along bottom edge
Nate Harrison	10070	9910	23	A	Surface Find 26	Mallios	2/25/2017	Glass	Glass	fragment	"S-13" embossed at edge
Nate Harrison	10075	9905	27	D	Surface Find	Moore	3/31/2017	Glass	Glass	Fragment	concave, undecorated
Nate Harrison	10070	9900	29	A	Mixed Fill	Davis, Booth	2/4/2017	Ceramic	Ceramic	sherd	ceramic sherd
Nate Harrison	10070	9900	29	A	Mixed Fill	Davis, Booth	2/4/2017	Fauna	Bone	fragments	Unknown bone fragments
Nate Harrison	10070	9900	29	A	Mixed Fill	Davis, Booth	2/4/2017	Fauna	Bone	long bone fragment	butchered long bone fragment
Nate Harrison	10070	9900	29	A	Mixed Fill	Davis, Booth	2/4/2017	Fauna	Bone	Mandible Fragment	ovis mandible
Nate Harrison	10070	9900	29	A	Mixed Fill	Davis, Booth	2/4/2017	Fauna	Bone	metatarsal	sus metatarsal
Nate Harrison	10070	9900	29	A	Mixed Fill	Davis, Booth	2/4/2017	Fauna	Bone	possible pelvis fragment	pelvis fragment
Nate Harrison	10070	9900	29	A	Mixed Fill	Davis, Booth	2/4/2017	Fauna	Bone	radius fragment	distal radius fragment
Nate Harrison	10070	9900	29	A	Mixed Fill	Davis, Booth	2/4/2017	Fauna	Bone	rib fragment	rib fragment
Nate Harrison	10070	9900	29	A	Mixed Fill	Davis, Booth	2/4/2017	Fauna	Bone	rib fragments	rib fragments
Nate Harrison	10070	9900	29	A	Mixed Fill	Davis, Booth	2/4/2017	Fauna	Bone	sacrum	sacrum fragment
Nate Harrison	10070	9900	29	A	Mixed Fill	Davis, Booth	2/4/2017	Fauna	Bone	Ulna Fragment	proximal ulna fragment
Nate Harrison	10070	9900	29	A	Mixed Fill	Davis, Booth	2/4/2017	Fauna	Bone	unknown bone fragments	Unknown bone fragments

APPENDIX B

Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
Rusted metal	No		Red rust						1	rusted metal buckle
	No								1	metal tack
	No								1	1901 Liberty "V" Barber Nickle
	No		white						1	whiteware fragment
	No		amber						1	Bottle fragment
	No		amber						1	bottle neck
	No		amber						2	flat
	No		clear						1	concave, undecorated
iridescent patina	No		clear						1	flat
	no								3	Metal fragments
	No		white						1	Quartz fragment
fire affected	No		white/tan						1	unidentified fire affected bone fragment
	no		clear						6	fragments
	No		brown						4	concave, undecorated
"CONTENTS 22 OZ" embossed along bottom edge	No		brown						1	"CONTENTS 22 OZ" embossed along bottom edge
"S-13" embossed at edge	no		brown						1	"S-13" embossed at edge
Concave	no		Solarized Amethyst						1	Concave, undecorated
possible NA origin	No		brown						1	ceramic sherd
	no								33	Unknown bone fragments
butchered	No								1	butchered long bone fragment
	No								1	ovis mandible
	No								1	sus metatarsal
	No								1	possible pelvis fragment
	No								1	distal radial fragment
	no								1	rib fragment
	No								4	rib fragments
	No								1	sacrum fragment
	No								1	proximal ulna fragment
	No								6	Unknown bone fragments

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	10070	9900	29	A	Mixed Fill	Davis, Booth	2/4/2017	Fauna	Bone	unknown fragments	unknown fragments with teeth
Nate Harrison	10070	9900	29	A	Mixed Fill	Davis, Booth	2/4/2017	Fauna	Bone	vertebrae	thoracic vertebrae
Nate Harrison	10070	9900	29	A	Mixed Fill	Davis, Booth	2/4/2017	Fauna	Bone	vertebrae	thoracic vertebrae
Nate Harrison	10070	9900	29	A	Mixed Fill	Davis, Booth	2/4/2017	Fauna	Bone	vertebrae fragment	vertebrae fragment
Nate Harrison	10070	9900	29	A	Mixed Fill	Davis, Booth	2/4/2017	Fauna	Tooth	teeth fragments	teeth fragments
Nate Harrison	10070	9900	29	A	Mixed Fill	Davis, Booth	2/4/2017	Flora	Wood	charcoal	charcoal
Nate Harrison	10070	9900	29	A	Mixed Fill	Davis, Booth	2/4/2017	Glass	Glass	Fragments	concave, undecorated
Nate Harrison	10070	9900	29	A	Mixed Fill	Davis, Booth	2/4/2017	Glass	Glass	Fragments	concave, undecorated
Nate Harrison	10070	9900	29	A	Mixed Fill	Davis, Booth	2/4/2017	Glass	Glass	Fragments	concave, undecorated
Nate Harrison	10070	9900	29	E	Sandy Loam	Booth, Davis	3/4/2017	flora	wood	charcoal	charcoal
Nate Harrison	10070	9900	29	E	Sandy Loam	Booth, Davis	3/4/2017	glass	glass	fragment	concave, undecorated
Nate Harrison	10070	9900	29	F	Sandy Loam	Davis, Booth	3/4/2017	Fauna	bone	fragment	Unknown bone fragments
Nate Harrison	10070	9900	29	F	Sandy Loam	davis, booth	3/4/2017	Fauna	bone	rib fragment	butchered rib fragments
Nate Harrison	10070	9900	29	F	Sandy Loam	Davis, Booth	3/4/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10075	9890	31	A	Surface Find 5	Holm	3/27/2017	glass	glass	bottle bottom	Pluto water bottle base
Nate Harrison	10070	9895	32	A	Mixed fill	Galeana	2/4/2017	Fauna	Bone	Bone Fragment	Unknown bone fragments
Nate Harrison	10070	9895	32	A	Mixed Fill	Galeana, Davis	2/25/2017	Fauna	Bone	cranial fragment	cranial fragment
Nate Harrison	10070	9895	32	A	Mixed Fill	Galeana, Davis	2/25/2017	Fauna	bone	fragments	unidentified bone fragments
Nate Harrison	10070	9895	32	A	Mixed fill	Galeana	2/4/2017	Fauna	Bone	Long bone fragment	Distal end of humeri
Nate Harrison	10070	9895	32	A	Mixed Fill	Galeana, Davis	2/25/2017	Fauna	bone	long bone fragment	butchered long bone fragment
Nate Harrison	10070	9895	32	A	Mixed Fill	Galeana, Davis	2/25/2017	Fauna	bone	maxilla fragment	ovis maxilla fragment
Nate Harrison	10070	9895	32	A	Mixed Fill	Galeana, Davis	2/25/2017	Fauna	tooth	molar	molar
Nate Harrison	10070	9895	32	A	Mixed Fill	Galeana, Davis	2/25/2017	Glass	glass	fragment	flat, undecorated
Nate Harrison	10070	9895	32	A	Mixed Fill	Galeana, Davis	2/25/2017	Glass	glass	fragment	concave
Nate Harrison	10070	9895	32	A	Mixed Fill	Galeana, Davis	2/25/2017	Glass	Glass	Fragment	concave, undecorated
Nate Harrison	10070	9895	32	A	Mixed Fill	Galeana, Davis	2/25/2017	metal	iron	fragment	metal fragment
Nate Harrison	10070	9895	32	A	Mixed Fill	Galeana, Davis	2/25/2017	Metal	iron	nail	machine cut nails
Nate Harrison	10070	9895	32	A	Mixed Fill	Galeana, Davis	2/25/2017	Metal	iron	scew	metal screw
Nate Harrison	10070	9895	32	A	Mixed fill	Galeana	2/4/2017	Metal	Iron	wire nail fragment	wire nail fragment
Nate Harrison	10070	9895	32	D	Sandy Loam	Galeana, Davis	2/25/2017	Fauna	bone	bone fragments	bone fragments
Nate Harrison	10070	9895	32	D	sandy Loam	Galeana, Davis	2/25/2017	Fauna	Tooth	tooth fragment	tooth fragment

APPENDIX B

Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
	No								2	unknown fragments with teeth
	No								2	thoracic vertebrae
	No								2	thoracic vertebrae
	No								1	vertebrae fragment
	no								11	teeth fragments
burned	No		black						8	charcoal
	no		aqua						3	fragments
	no		brown						3	fragments
	no		clear						1	fragments
burned	no		black						1	charcoal
iridescent patina	no		clear						1	concave, undecorated
	no								1	Unknown bone fragments
butchered	no								1	butchered rib fragments
slight patina	No		clear						1	clear glass fragment
Image of Pluto (greek god); iridescent patina	No		clear						1	Pluto water bottle base
	No								3	Bone fragments
	No								1	cranial fragment
	No								13	bone fragments
	No								1	Distal end of humeri
butchered	No								1	butchered long bone fragment
	No								1	ovis maxilla fragment
	No								1	molar
	no		brown						1	fragment
iridescent patina	no		clear						1	fragment
	No		brown						1	fragment
	No								1	metal fragment
	No								2	machine cut nail
	No								1	screw
	No								1	Wire nail fragment
	no								2	bone fragments
	no								1	tooth fragment

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	10070	9895	32	D	Sandy Loam	Galeana, Davis	2/25/2017	Flora	wood	charcoal	burned
Nate Harrison	10070	9895	32	D	Sandy Loam	Galeana, Davis	2/25/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10070	9895	32	D	Sandy Loam	Galeana, Davis	2/25/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10070	9895	32	D	sandy Loam	Galeana, Davis	2/25/2017	metal	iron	nail	machine cut
Nate Harrison	10070	9895	32	D	Sandy Loam	Galeana, Davis	2/25/2017	Metal	iron	nail	wire cut
Nate Harrison	10070	9895	32	E	Sandy Loam	Davis, Galeana	3/4/2017	Ceramic	Ceramic	Whiteware	whiteware fragments
Nate Harrison	10070	9895	32	E	Sandy Loam	Davis, Galeana	3/4/2017	fauna	bone	bone fragments	burned bone fragments
Nate Harrison	10070	9895	32	E	Sandy Loam	Davis, Galeana	3/4/2017	Fauna	Bone	canine occipital fragment	canine occipital fragment
Nate Harrison	10070	9895	32	E	Sandy Loam	Davis, Galeana	3/4/2017	Fauna	bone	distal tibia fragment	distal end of tibia
Nate Harrison	10070	9895	32	E	Sandy Loam	Davis, Galeana	3/4/2017	Fauna	bone	Rib Fragment	rib fragment
Nate Harrison	10070	9895	32	E	Sandy Loam	Davis, Galeana	3/4/2017	Fauna	bone	teeth fragments	teeth fragments
Nate Harrison	10070	9895	32	E	Sandy Loam	Davis, Galeana	3/4/2017	Fauna	Bone	unidentified fragments	unidentified fragments
Nate Harrison	10070	9895	32	E	Sandy Loam	Davis, Galeana	3/4/2017	Flora	Wood	Charcoal	charcoal fragments
Nate Harrison	10070	9895	32	E	Sandy Loam	Davis, Galeana	3/4/2017	Flora	Wood	Charcoal	charcoal fragments
Nate Harrison	10070	9895	32	E	Sandy Loam	Davis, Galeana	3/4/2017	Glass	Glass	fragments	flat, undecorated
Nate Harrison	10070	9895	32	E	Sandy Loam	Davis, Galeana	3/4/2017	Glass	Glass	fragments	concave, undecorated
Nate Harrison	10070	9895	32	E	Sandy Loam	Davis, Galeana	3/4/2017	Glass	Glass	fragments	concave, undecorated
Nate Harrison	10070	9895	32	E	Sandy Loam	Davis, Galeana	3/4/2017	Glass	Glass	fragments	concave, undecorated
Nate Harrison	10070	9895	32	E	Sandy Loam	Davis, Galeana	3/4/2017	Metal	Iron	nail	wire cut nail
Nate Harrison	10070	9895	32	E	Sandy Loam	Davis, Galeana	3/4/2017	Metal	iron	nail	machine cut nail
Nate Harrison	10070	9895	32	E	Sandy Loam	Davis, Galeana	3/4/2017	Metal	unknown	button	pants button
Nate Harrison	10070	9895	32	E	Sandy Loam	Davis, Galeana	3/4/2017	Metal	unknown	flakes	metal flakes unidentified
Nate Harrison	10070	9895	32	F	Sandy Loam	Galeana, Davis	3/18/2017	Ceramic	Ceramic	sherd	ceramic sherd
Nate Harrison	10070	9895	32	F	Sandy Loam	Galeana, Davis	3/18/2017	Fauna	Bone	distal tibia fragment	distal portion of ovine tibia
Nate Harrison	10070	9895	32	F	Sandy Loam	Galeana, Davis	3/18/2017	Fauna	bone	fragments	Unknown bone fragments
Nate Harrison	10070	9895	32	F	Sandy Loam	Galeana, Davis	3/18/2017	Fauna	Bone	possible scapula fragment	possible scapula fragment
Nate Harrison	10070	9895	32	F	Sandy Loam	Galeana, Davis	3/18/2017	Fauna	bone	rib fragments	rib fragment
Nate Harrison	10070	9895	32	F	Sandy Loam	Galeana, Davis	3/18/2017	Fauna	Bone	Unidentified bone fragments	unidentified bone fragments

APPENDIX B

Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
burned wood	No		Black						1	charcoal
iridescent patina	No		solarized amethyst						1	amethyst glass fragment
	no		clear						1	clear glass fragment
machine cut nail	No								1	machine cut nail
wire cut nails	No								4	wire cut nails
	No		white						1	Whiteware
burned	No								5	burned bone fragments
canine occipital fragment	No								1	canine occipital fragment
	No								1	distal end of tibia
Rib fragments	No								1	rib fragment
teeth fragments	no								4	teeth fragments
unidentified bone fragment	No								12	unidentified bone fragments
burned	No		black						1	charcoal fragments
burned	No		black						1	charcoal fragment
flat, undecorated	no		Aqua						2	flat, undecorated
iridescent patina	No		clear						4	concave, undecorated
iridescent patina	No		solarized amethyst						2	concave, undecorated
	No		amber						4	concave, undecorated
wire cut	No								1	wire cut nail
machine cut	No								1	machine cut nail
pants button	No								1	pants button
metal flakes	No								5	metal flakes
possible NA origin	no		brown						1	ceramic sherd
	No								1	ovis tibia
	No								3	Unknown bone fragments
	No								1	possible scapula fragment
has fresh break	No								1	rib fragment
	No								3	unidentified bone fragments

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	10070	9895	32	F	Sandy Loam	Galeana, Davis	3/18/2017	Fauna	Bone	unidentified burned bone fragment	unidentified burned bone
Nate Harrison	10070	9895	32	F	Sandy Loam	Galeana, Davis	3/18/2017	Fauna	tooth	fragment	tooth fragment
Nate Harrison	10070	9895	32	F	Sandy Loam	Galeana, Davis	3/18/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10070	9895	32	F	Sandy Loam	Galeana, Davis	3/18/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10070	9895	32	F	Sandy Loam	Galeana, Davis	3/18/2017	Glass	Glass	Fragment	concave, undecorated
Nate Harrison	10070	9895	32	F	Sandy Loam	Galeana, Davis	3/18/2017	Glass	Glass	Fragment	concave, undecorated
Nate Harrison	10070	9895	32	F	Sandy Loam	Davis, Galeana	3/11/2017	Metal	Iron	nail	wire cut nail
Nate Harrison	10070	9895	32	F	Sandy Loam	Galeana, Davis	3/18/2017	Metal	iron	nail	wire cut nail
Nate Harrison	10070	9890	33	A	Mixed Fill	Holm, Bastide	2/4/2017	Fauna	Bone	Fragment	Humerus fragment
Nate Harrison	10070	9890	33	A	Mixed Fill	Holm, Bastide	2/4/2017	Fauna	Bone	Tooth	mammal molar
Nate Harrison	10070	9890	33	A	Mixed Fill	Holm, Bastide	2/4/2017	Flora	Wood	Charcoal	charcoal
Nate Harrison	10070	9890	33	A	Mixed Fill	Holm, Bastide	2/4/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10070	9890	33	A	Mixed Fill	Holm, Bastide	2/4/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10070	9890	33	A	Mixed Fill	Holm, Bastide	2/4/2017	Glass	Glass	Fragment	large glass fragment
Nate Harrison	10070	9890	33	A	Mixed Fill	Holm, Bastide	2/4/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10070	9890	33	A	Mixed Fill	Holm, Bastide	2/4/2017	Metal	Coin	Penny	1911 penny
Nate Harrison	10070	9890	33	A	Mixed Fill	Holm, Bastide	2/4/2017	Metal	Iron	Fragment	Can fragment
Nate Harrison	10070	9890	33	A	Mixed Fill	Holm, Bastide	2/4/2017	Metal	Iron	Wire	wire fragments
Nate Harrison	10070	9890	33	D	Mixed Fill	Holm, Bastide	2/25/2017	Fauna	Bone	Fragment	unidentified bone fragments
Nate Harrison	10070	9890	33	D	Mixed Fill	Holm, Bastide	2/25/2017	Fauna	Bone	Fragment	bone fragment
Nate Harrison	10070	9890	33	D	Mixed Fill	Holm, Bastide	2/25/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10070	9890	33	D	Mixed Fill	Holm, Bastide	2/25/2017	Metal	Iron	Nail	Intact, bent
Nate Harrison	10070	9890	33	E	Sandy Loam	Holm, Bastide	3/4/2017	Fauna	Bone	Bone Fragment	unidentified obone fragment
Nate Harrison	10070	9890	33	E	Sandy Loam	Holm, Bastide	3/4/2017	Fauna	Tooth	Tooth Fragment	Possible horse
Nate Harrison	10070	9890	33	E	Sandy Loam	Holm, Bastide	3/4/2017	Glass	Glass	Fragment	concave, undecorated
Nate Harrison	10070	9890	33	E	Sandy Loam	Holm, Bastide	3/4/2017	Glass	Glass	Fragment	Flat
Nate Harrison	10061.543	9924.153	36	C	Surface Find	Mallios		Glass	Glass	Fragment	glass fragment
Nate Harrison	10061.543	9924.153	36	C	Surface Find	Mallios		Glass	Glass	Fragment	glass fragment
Nate Harrison	10061.543	9924.153	36	C	Surface Find	Mallios		Glass	Glass	Fragments	glass fragments
Nate Harrison	10061.543	9924.153	36	C	Surface Find	Mallios		Metal	Iron	button	iron button

APPENDIX B

	Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
	burned	No								1	unidentified burned bone
		No								1	unknown tooth fragment
		No		clear						1	clear glass fragment
		No		amber						1	amber glass fragment
	iridescent patina	No		clear						2	fragments
		no		brown						1	fragments
	wire cut	no								2	wire cut nails
	wire cut	No								1	wire cut nail
		No								1	humerus fragment
		No								1	mammal molar
		No								1	charcoal
	iridescent patina	No		amber						1	amber glass fragment
	iridescent patina	No		aqua						1	aqua glass fragment
	iridescent patina, "8" on one side	Yes		clear						1	large clear glass fragment with "8" on one side
	iridescent patina	No		clear						3	clear glass fragments
		Yes								1	1911 penny
	corner piece	No								1	corner fragment of a can
	twisted, one in a loop	No								3	twisted wire fragments
		No								7	unidentified bone fragments
		No								1	bone fragment
		No		amber						1	amber glass fragment
	rusted	No								1	bent intact nail
		No								1	Unidentified bone fragment
		No								1	Possible horse tooth
		No		amber						1	Concave, undecorated
	Iridescent patina	no		Clear						1	Flat
	patinaed	No		amber						1	amber glass fragment
		No		aqua						1	aqua glass fragment
	patinaed	No		clear						2	clear glass fragments
		No								1	iron pants button

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	10060.445	9940.445	40	A	Mixed Fill	Holcomb	3/29/2017	Fauna	Bone	fragments	unknown animal fragments
Nate Harrison	10060.445	9940.445	40	A	Mixed Fill	Holcomb	3/29/2017	Flora	wood	charcoal	burned
Nate Harrison	10060.445	9940.445	40	A	Mixed Fill	Holcomb	3/29/2017	metal	iron	fragment	fragment
Nate Harrison	10060.445	9940.445	40	F	Mixed Fill	Holcomb	3/29/2017	Metal	Iron	fragments	metal fragments
Nate Harrison	10060	9940	40	F	Mixed Fill	Mallios	3/28/2017	metal	iron	Nail	rectangular cut rust
Nate Harrison	10060.445	9940.445	40	F	Mixed Fill	Holcomb	3/29/2017	Metal	Iron	nails	machine cut nails
Nate Harrison	10600	9940	40	F	Mixed Fill	Mallios	3/28/2017	metal	metal	possible makeup container	round metal container 1 1/2 inch diameter
Nate Harrison	10060.445	9940.445	40	F	Mottled Fill	Mallios	2/25/2017	Ceramic	ceramic	pipe bowl fragments	pipe bowl fragments
Nate Harrison	10060.445	9940.445	40	F	Mottled Fill	Mallios	2/25/2017	Fauna	bone	astragalus	canine astragalus
Nate Harrison	10060.445	9940.445	40	F	Mottled Fill	Mallios	2/25/2017	Fauna	bone	unidentified animal fragments	unidentified bone fragments
Nate Harrison	10060.445	9940.445	40	F	Mottled Fill	Mallios	2/25/2017	flora	wood	Charcoal	charcoal
Nate Harrison	10060.445	9940.445	40	F	Mottled Fill	Mallios	2/25/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10060.445	9940.445	40	F	Mottled Fill	Mallios	2/25/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10060.445	9940.445	40	F	Mottled Fill	Mallios	2/25/2017	Metal	iron	can bottom	can bottom
Nate Harrison	10060.445	9940.445	40	F	Mottled Fill	Mallios	2/25/2017	Metal	iron	fragments	metal fragments
Nate Harrison	10060.445	9940.445	40	F	Mottled Fill	Mallios	2/25/2017	Metal	iron	nail fragments	nail fragments
Nate Harrison	10060.445	9940.445	40	F	Mottled Fill	Mallios	2/25/2017	Metal	iron	circular object	rusted circular object
Nate Harrison	10060.445	9940.445	40	G	Mixed Fill	Holcomb	3/28/2017	Flora	Wood	Charcoal	charcoal
Nate Harrison	10060.445	9940.445	40	G	Mixed Fill	Holcomb	3/28/2017	Metal	iron	nail	machine cut nail
Nate Harrison	10050	9905	42	A	Surface Find 14	Mallios	2/25/2017	Ceramic	Flow Blue	Fragment	rim fragment
Nate Harrison	10050	9905	42	A	Surface Find 14	Mallios	2/25/2017	Glass	Glass	Fragments	concave, undecorated
Nate Harrison	10050	9905	42	A	Surface Find 14	Mallios	2/25/2017	Glass	Glass	Fragments	concave, undecorated
Nate Harrison	10050	9905	42	A	Surface Find 14	Mallios	2/25/2017	metal	iron	wire	fragment
Nate Harrison	10057.325	9937.385	46	D	Sandy Loam	Shamoon, Torales	3/29/2017	Metal	wire	wire fragments	wire fragments
Nate Harrison	10070	9880	66	A	Surface Find	Mallios	2/25/2017	Glass	Glass	Bottle	glass bottle
Nate Harrison	10070	9880	66	A	Surface Find	Mallios	2/25/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	9758.312	9945.609	84	A	Surface Find	Mallios	3/8/2017	Fauna	bone	fragment	unknown bone fragment
Nate Harrison	9758.312	9945.609	84	A	Surface Find	Mallios	3/8/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	9758.312	9945.609	84	A	Surface Find	Mallios	3/8/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10060	9900	86	A	Mixed Fill	Ramos, Farnsworth	2/11/2017	Ceramic	White-ware	Fragments	whiteware fragments
Nate Harrison	10060	9900	86	A	Mixed Fill	Ramos, Farnsworth	2/11/2017	Ceramic	Yellow-ware	Fragment	rim fragment
Nate Harrison	10060	9900	86	A	Mixed Fill	Farnsworth, Ramos	2/4/2017	Fauna	bone	bone fragments	unidentified bone fragments
Nate Harrison	10060	9900	86	A	Mixed Fill	Farnsworth, Ramos	2/4/2017	Fauna	bone	butchered bone fragment	butchered bone fragment
Nate Harrison	10060	9900	86	A	Mixed Fill	Farnsworth, Ramos	2/4/2017	Fauna	bone	carpals or tarsals	carpals or tarsals from unknown animal

APPENDIX B

Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
	No								1	unknown animal fragments
burned wood	No		Black						4	charcoal
	No								1	metal fragments
	No								4	metal fragments
	No								1	Metal rectangular Nail
machine cut	No								5	machine cut nails
	No								1	round metal container
one side burned	No								2	pipe bowl fragments
	No								1	canine astragalus
	No								2	unidentified animal fragments
burned	No								3	charcoal
	No		green						1	green glass fragment
iridescent patina	No		clear						2	clear glass fragments
	No								1	can bottom
	No								3	metal fragments
fragmented	No								12	nail fragments
	No								1	rusted circular object
burned	No								11	charcoal
	No								1	machine cut nail
striped pattern on rim	No								1	flow blue rim fragment
	No		solarized amethyst						2	fragments
	No		brown						2	fragments
wire fragments	No								1	metal wire fragments
	No								5	wire fragments
missing base, seam on each side	No		clear						1	clear glass bottle
iridescent patina	No		amber						3	amber glass fragments
bleached	No								1	Unknown bone fragments
	No		solarized amethyst						2	amethyst glass fragments
iridescent patina	No		amber						1	amber glass fragment
one rim fragment	No		white						3	whiteware fragments
yellow on one side, white and yellow on the other	No		white/yellow						1	yellowware fragment
	No								6	unidentified fragments
butchered	No								1	butchered bone fragments
	No								2	tarsal or carpals from unknown animal

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	10060	9900	86	A	Mixed Fill	Farnsworth, Ramos	2/4/2017	Fauna	bone	cervis radius	cervis radius
Nate Harrison	10060	9900	86	A	Mixed Fill	Farnsworth, Ramos	2/4/2017	Fauna	bone	cervis ulna	cervis ulna
Nate Harrison	10060	9900	86	A	Mixed Fill	Farnsworth, Ramos	2/4/2017	Fauna	bone	fragments	burned bone fragments
Nate Harrison	10060	9900	86	A	Mixed Fill	Farnsworth, Ramos	2/4/2017	Fauna	bone	os phalange	os phalange
Nate Harrison	10060	9900	86	A	Mixed Fill	Farnsworth, Ramos	2/4/2017	Fauna	bone	ovis mandible	ovis mandible
Nate Harrison	10060	9900	86	A	Mixed Fill	Farnsworth, Ramos	2/4/2017	Fauna	bone	ovis metacarpal	ovis metacarpal
Nate Harrison	10060	9900	86	A	Mixed Fill	Farnsworth, Ramos	2/4/2017	Fauna	bone	Rib fragments	rib fragments
Nate Harrison	10060	9900	86	A	Mixed Fill	Farnsworth, Ramos	2/4/2017	Fauna	bone	right skull fragment	ovis skull fragment, right
Nate Harrison	10060	9900	86	A	Mixed Fill	Ramos, Farnsworth	2/11/2017	Flora	wood	Charcoal	charcoal
Nate Harrison	10060	9900	86	A	Mixed Fill	Farnsworth, Ramos	2/4/2017	Metal	alloy	rivet	rivet for jeans
Nate Harrison	10060	9900	86	A	Mixed Fill	Ramos, Farnsworth	2/11/2017	Metal	alloy	rivet	rivet
Nate Harrison	10060	9900	86	A	Mixed Fill	Ramos, Farnsworth	2/11/2017	Metal	Iron	eye screw	eye screw
Nate Harrison	10060	9900	86	A	Mixed Fill	Ramos, Farnsworth	2/11/2017	Metal	Iron	fragments	metal fragments
Nate Harrison	10060	9900	86	A	Mixed Fill	Ramos, Farnsworth	2/11/2017	Metal	Iron	key	sardine key fragment
Nate Harrison	10060	9900	86	A	Mixed Fill	Ramos, Farnsworth	2/11/2017	Metal	Iron	key	sardine key
Nate Harrison	10060	9900	86	A	Mixed Fill	Ramos, Farnsworth	2/11/2017	Metal	Iron	nails	machine cut nails
Nate Harrison	10060	9900	86	A	Mixed Fill	Ramos, Farnsworth	2/11/2017	Metal	Iron	nails	wire cut nails
Nate Harrison	10060	9900	86	A	Mixed Fill	Ramos, Farnsworth	2/11/2017	Metal	Iron	screws	metal screws
Nate Harrison	10060	9900	86	A	Mixed Fill	Ramos, Farnsworth	2/11/2017	Metal	Iron	Wire	wire fragments
Nate Harrison	10060	9900	86	A	Mixed Fill	Ramos, Farnsworth	2/11/2017	Other	rubber	pipe fragment	pipe fragment
Nate Harrison	10060	9900	86	B	Mixed Fill	Aguayo, Roderickz	3/29/2017	Flora	wood	Charcoal	charcoal
Nate Harrison	10060	9900	86	B	Mixed Fill	Aguayo, Roderickz	3/29/2017	Metal	alloy	casing	casing
Nate Harrison	10060	9900	86	B	Mixed Fill	Aguayo, Roderickz	3/29/2017	Metal	alloy	rivet	rivet for clothing
Nate Harrison	10060	9900	86	B	Mixed Fill	Aguayo, Roderickz	3/29/2017	Metal	Iron	buckle	small buckle
Nate Harrison	10060	9900	86	B	Mixed Fill	Aguayo, Roderickz	3/29/2017	Metal	Iron	buckle	large buckle
Nate Harrison	10060	9900	86	B	Mixed Fill	Aguayo, Roderickz	3/29/2017	Metal	Iron	can bottom	can bottom
Nate Harrison	10060	9900	86	B	Mixed Fill	Aguayo, Roderickz	3/29/2017	Metal	iron	fragments	metal fragments
Nate Harrison	10060	9900	86	B	Mixed Fill	Farnsworth, Ramos	2/11/2017	Metal	iron	key	sardine key
Nate Harrison	10060	9900	86	B	Mixed Fill	Aguayo, Roderickz	3/29/2017	Metal	Iron	key	sardine key

APPENDIX B

Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
	No								1	cervis radius
	No								1	cervis ulna
burned	no								2	burned bone fragments
	No								1	os phalange
	No								1	ovis mandible
	No								1	ovis metacarpal
	No								2	rib fragments
broken at sutures	No								1	right sheep skull fragment - broken at sutures
burned	no								8	charcoal
metal river for jeans	Yes								1	metal rivet for jeans with MM CO-C
	no								1	rivet
	no								1	eye screw
	no								13	metal fragments
fragment of sardine key with metal coils	no								1	fragment of sardine key with metal coil
	No								1	sardine key
machine cut	no								2	machine cut nails
wire cut	no								10	wire cut nails
	no								2	metal screws
	no								3	wire fragments
	no		black						1	pipe fragment
burned	No								1	charcoal
	no								1	casing
metal clothing rivet	No								1	metal cloth rivet medium
	No								1	small buckle
possibly for saddle	No								1	large buckle
	No								1	can bottom
	No								19	metal fragments
	no								1	sardine key
	No								1	sardine key

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	10060	9900	86	B	Mixed Fill	Farnsworth, Ramos	2/11/2017	metal	iron	nail	wire cut nail
Nate Harrison	10060	9900	86	B	Mixed Fill	Aguayo, Roderickz	3/29/2017	Metal	Iron	nail	wire cut nails
Nate Harrison	10060	9900	86	B	Mixed Fill	Aguayo, Roderickz	3/29/2017	Metal	Iron	nail	machine cut nails
Nate Harrison	10060	9900	86	B	Mixed Fill	Aguayo, Roderickz	3/29/2017	Metal	Iron	staple	metal staple
Nate Harrison	10060	9900	86	B	Mixed Fill	Farnsworth, Ramos	2/11/2017	Metal	iron	wire	wire fragments
Nate Harrison	10060	9900	86	B	Mixed Fill	Aguayo, Roderickz	3/29/2017	Metal	Iron	wire	wire fragments
Nate Harrison	10060	9900	86	B	Sandy Loam	Farnsworth, Ramos	3/4/2017	Fauna	Bone	astragalus	canis astragalus
Nate Harrison	10060	9900	86	B	Sandy Loam	Ramos, Farnsworth	3/4/2017	Fauna	Bone	Fragments	bone fragments
Nate Harrison	10060	9900	86	B	Sandy Loam	Ramos, Farnsworth	3/4/2017	Fauna	bone	long bone fragment	long bone fragment
Nate Harrison	10060	9900	86	B	Sandy Loam	Ramos	2/25/2017	fauna	bone	medial phalange	cow medial phalange
Nate Harrison	10060	9900	86	B	Sandy Loam	Farnsworth, Ramos	3/4/2017	Fauna	Bone	Possible Rib bone	Unidentifiable rib fragment
Nate Harrison	10060	9900	86	B	Sandy Loam	Ramos, Farnsworth	3/4/2017	Fauna	bone	unidentified rib fragments	unidentified rib fragments
Nate Harrison	10060	9900	86	B	Sandy Loam	Ramos, Farnsworth	3/4/2017	Fauna	bone	unknown fragments	Unknown bone fragments
Nate Harrison	10060	9900	86	B	Sandy Loam	Ramos, Farnsworth	3/4/2017	Flora	Wood	Charcoal	charcoal fragments
Nate Harrison	10060	9900	86	B	Sandy Loam	Ramos, Farnsworth	3/4/2017	Glass	glass	fragment	flat, undecorated
Nate Harrison	10060	9900	86	B	Sandy Loam	Ramos, Farnsworth	3/4/2017	Glass	Glass	fragment	concave, chipped
Nate Harrison	10060	9900	86	B	Sandy Loam	Ramos, Farnsworth	3/4/2017	glass	glass	fragment	concave, undecorated
Nate Harrison	10060	9900	86	B	Sandy Loam	Ramos, Farnsworth	3/4/2017	Glass	glass	fragment	concave, undecorated
Nate Harrison	10060	9900	86	B	Sandy Loam	Ramos, Farnsworth	3/4/2017	glass	glass	fragment	concave, undecorated
Nate Harrison	10060	9900	86	B	Sandy Loam	Ramos, Farnsworth	3/4/2017	Glass	Glass	Fragments	small glass fragments
Nate Harrison	10060	9900	86	B	Sandy Loam	Ramos, Farnsworth	3/4/2017	Metal	Alloy	Casing	small casing w/ "H" and mark from firing pin
Nate Harrison	10060	9900	86	B	Sandy Loam	Ramos	2/25/2017	Metal	iron	bottlecap	bottlecap
Nate Harrison	10060	9900	86	B	Sandy Loam	Ramos	2/25/2017	Metal	iron	iron fragments	iron fragments
Nate Harrison	10060	9900	86	B	Sandy Loam	Ramos, Farnsworth	3/4/2017	Metal	Iron	Metal Fragments	3 flat, one with rolled corner
Nate Harrison	10060	9900	86	B	Sandy Loam	Ramos	2/25/2017	Metal	iron	nail	machine cut nail
Nate Harrison	10060	9900	86	B	Sandy Loam	Ramos	2/25/2017	Metal	Iron	nail	wire cut nail
Nate Harrison	10060	9900	86	B	Sandy Loam	Ramos, Farnsworth	3/4/2017	Metal	Iron	Partial nails	machine-cut
Nate Harrison	10060	9900	86	B	Sandy Loam	Ramos, Farnsworth	3/4/2017	Metal	Iron	Sardine Key	key without lid
Nate Harrison	10060	9900	86	B	Sandy Loam	Ramos	2/25/2017	Metal	iron	unknown iron oval	unknown metal oval

APPENDIX B

Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
wire cut	No								3	wire cut
wire cut	No								3	wire cut nails
machine cut	No								3	machine cut nails
	No								1	metal staple
	No								2	wire fragments
	No								3	wire fragments
	No								1	Canis astragulus
one piece bleached	No								7	bone fragments
	No								1	long bone fragment
	No								1	cow medial phalange
butchered	No								1	unidentified rib fragment possible butchered
	No								1	unidentified rib fragments
	No								5	Unknown bone fragments
	No								1	charcoal fragments
	No		aqua						1	fragments
frosted appearance	No		white						1	fragment
	No		amber						2	fragments
iridescent patina	No		clear						4	fragments
iridescent patina	No		green						1	fragment
white patina on one sherd	No		amber, amethyst, aqua						3	glass fragments
flattened opening	No								1	casing
	No								1	bottlecap
	No								5	iron fragments
rusted	No								4	metal fragments
machine cut nail	no								2	machine cut nail
wire cut nail	No								4	wire cut nail
rusted	No								2	partial nails
rusted	No								1	sardine key
has tabs	No								1	unknown metal oval with two tabs

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	10060	9900	86	B	Sandy Loam	Ramos	2/25/2017	Metal	Iron	wire fragment	wire fragments
Nate Harrison	10060	9900	86	B	Sandy Loam	Farnsworth, Ramos	3/4/2017	Metal	Silver	Decoration	Saddle decoration
Nate Harrison	10060	9900	86	C	Sandy Loam	Farnsworth, Ramos	3/11/2017	Ceramic	White-ware	Fragment	whiteware fragment
Nate Harrison	10060	9900	86	C	Sandy Loam	Ramos, Farnsworth	3/4/2017	Fauna	Bone	burned bone fragments	burned bone fragment
Nate Harrison	10060	9900	86	C	Sandy Loam	Ramos, Farnsworth	3/4/2017	Fauna	Bone	calcaneus	ovis calcaneus
Nate Harrison	10060	9900	86	C	Sandy Loam	Ramos, Farnsworth	3/4/2017	Fauna	Bone	fragment	burned bone fragments
Nate Harrison	10060	9900	86	C	Sandy Loam	Ramos, Farnsworth	3/4/2017	Fauna	Bone	fragment	unknown animal fragments
Nate Harrison	10060	9900	86	C	Sandy Loam	Ramos, Farnsworth	3/4/2017	Fauna	bone	fragments	unknown animal fragments
Nate Harrison	10060	9900	86	C	Sandy Loam	Ramos, Farnsworth	3/4/2017	Fauna	Bone	long bone fragment	butchered long bone fragment
Nate Harrison	10060	9900	86	C	Sandy Loam	Ramos, Farnsworth	3/4/2017	Fauna	Bone	pelvis	small mammal pelvis
Nate Harrison	10060	9900	86	C	Sandy Loam	Ramos, Farnsworth	3/4/2017	Fauna	Bone	rib fragments	butchered rib fragments
Nate Harrison	10060	9900	86	C	Sandy Loam	Ramos, Farnsworth	3/4/2017	Fauna	Bone	vertebrae	butchered vertebrae
Nate Harrison	10060	9900	86	C	Sandy Loam	Ramos, Farnsworth	3/4/2017	Fauna	bone	vertebrae	vertebrae fragment
Nate Harrison	10060	9900	86	C	Sandy Loam	Ramos, Farnsworth	3/4/2017	Fauna	tooth	teeth fragments	teeth fragments
Nate Harrison	10060	9900	86	C	Sandy Loam	Ramos, Farnsworth	3/4/2017	Glass	Glass	bottle bottom	bottle bottom fragment
Nate Harrison	10060	9900	86	C	Sandy Loam	Farnsworth, Ramos	3/11/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10060	9900	86	C	Sandy Loam	Farnsworth, Ramos	3/11/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10060	9900	86	C	Sandy Loam	Farnsworth, Ramos	3/18/2017	Glass	Glass	Fragment	undecorated
Nate Harrison	10060	9900	86	C	Sandy Loam	Ramos, Farnsworth	3/4/2017	Glass	glass	Fragment	concave, undecorated
Nate Harrison	10060	9900	86	C	Sandy Loam	Ramos, Farnsworth	3/4/2017	Glass	Glass	Fragment	concave, undecorated
Nate Harrison	10060	9900	86	C	Sandy Loam	Ramos, Farnsworth	3/4/2017	Glass	glass	Fragment	concave, undecorated
Nate Harrison	10060	9900	86	C	Sandy Loam	Ramos, Farnsworth	3/4/2017	Glass	Glass	Fragment	concave, undecorated
Nate Harrison	10060	9900	86	C	Sandy Loam	Ramos, Farnsworth	3/4/2017	Glass	glass	Fragment	concave, undecorated; has rim threading
Nate Harrison	10060	9900	86	C	Sandy Loam	Ramos, Farnsworth	3/4/2017	Glass	Glass	Fragment	concave, undecorated
Nate Harrison	10060	9900	86	C	Sandy Loam	Ramos, Farnsworth	3/4/2017	Glass	glass	Fragment	concave, undecorated
Nate Harrison	10060	9900	86	C	Sandy Loam	Ramos, Farnsworth	3/4/2017	Glass	Glass	Fragment	concave, undecorated
Nate Harrison	10060	9900	86	C	Sandy Loam	Ramos, Farnsworth	3/4/2017	Glass	glass	Fragment	concave, undecorated, lip
Nate Harrison	10060	9900	86	C	Sandy Loam	Ramos, Farnsworth	3/4/2017	Glass	Glass	Fragment	concave, "R" embossed

APPENDIX B

Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
	No								1	wire fragments
	No								1	saddle decoration
	No								1	whiteware fragment
burned	No								1	burned bone fragment
	No								1	ovis calcaneus
burned	No								2	burned bone fragments
	No								6	unknown animal fragments
	No								1	unknown animal fragments
butchered	No								1	butchered long bone fragment
	No								1	small mammal pelvis
butchered	No								6	butchered rib fragments
butchered	No								1	butchered vertebrae fragment - cut in half
	No								1	vertebrae fragment
	No								2	teeth fragments
	No		white						1	white bottle bottom
	No		amber						1	amber glass fragment
	No		green						1	green glass fragment
iridescent patina	No								1	Undecorated
iridescent patina	No		clear						8	fragments
iridescent patina	No		clear						14	fragments
	No		aqua						6	fragments
iridescent patina	No		aqua						1	fragment
iridescent patina	No		aqua						1	fragment
	no		green						1	fragment
iridescent patina	No		amber						5	fragments
iridescent patina	No		solarized amethyst						2	fragments
iridescent patina	No		solarized amethyst						1	lip
iridescent patina	No		amber						1	fragment with "R" embossed

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	10060	9900	86	C	Sandy Loam	Farnsworth, Ramos	3/11/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10060	9900	86	C	Sandy Loam	Farnsworth, Ramos	3/11/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10060	9900	86	C	Sandy Loam	Ramos, Farnsworth	3/4/2017	metal	alloy	casing	casing with "H" stamped on bottom
Nate Harrison	10060	9900	86	C	Sandy Loam	Farnsworth, Ramos	3/11/2017	Metal	alloy	rivet	metal rivet
Nate Harrison	10060	9900	86	C	Sandy Loam	Ramos, Farnsworth	3/4/2017	Metal	Iron	fragment	large metal fragment
Nate Harrison	10060	9900	86	C	Sandy Loam	Ramos, Farnsworth	3/4/2017	metal	iron	fragment	metal fragment
Nate Harrison	10060	9900	86	C	Sandy Loam	Farnsworth, Ramos	3/11/2017	Metal	iron	fragment	metal fragment
Nate Harrison	10060	9900	86	C	Sandy Loam	Ramos, Farnsworth	3/4/2017	Metal	iron	nail	wire cut
Nate Harrison	10060	9900	86	C	Sandy Loam	Ramos, Farnsworth	3/4/2017	Metal	iron	nail	machine
Nate Harrison	10060	9900	86	C	Sandy Loam	Farnsworth, Ramos	3/11/2017	metal	iron	nail	machine cut nail
Nate Harrison	10060	9900	86	C	Sandy Loam	Ramos, Farnsworth	3/4/2017	Metal	iron	wire	wire fragment
Nate Harrison	10060	9900	86	C	Sandy Loam	Farnsworth, Ramos	3/11/2017	Metal	iron	wire fragment	wire fragment
Nate Harrison	10060	9900	86	C	Sandy Loam	Farnsworth, Ramos	3/11/2017	Metal	iron	nail	wire cut nail
Nate Harrison	10060	9900	86	D	Sandy Loam	Ramos, Farnsworth	3/25/2017	Fauna	bone	bone fragment	unidentified bone fragment
Nate Harrison	10060	9900	86	D	Sandy Loam	Ramos, Farnsworth	3/25/2017	Fauna	bone	fragments	unidentified bone fragments
Nate Harrison	10060	9900	86	D	Sandy Loam	Ramos, Farnsworth	3/25/2017	fauna	bone	Rib fragments	rib fragments
Nate Harrison	10060	9900	86	D	Sandy Loam	Ramos, Farnsworth	3/25/2017	Fauna	bone	unknown long bone fragments	long bone fragments
Nate Harrison	10060	9900	86	D	Sandy Loam	Ramos, Farnsworth	3/25/2017	fauna	bone	vertebrae	thoracic vertebrae fragment - butchered
Nate Harrison	10060	9900	86	D	Sandy Loam	Ramos, Farnsworth	3/25/2017	Fauna	bone	vertebrae	unknown vertebrae fragment - butchered
Nate Harrison	10060	9900	86	D	Sandy Loam	Ramos, Farnsworth	3/25/2017	fauna	bone	vertebrae	lumbar vertebrae fragment - butchered
Nate Harrison	10060	9900	86	D	Sandy Loam	Ramos, Farnsworth	3/18/2017	Flora	Peach	pit	peach pit fragment
Nate Harrison	10060	9900	86	D	Sandy Loam	Ramos, Farnsworth	3/25/2017	Glass	glass	fragment	undecorated
Nate Harrison	10060	9900	86	D	Sandy Loam	Ramos, Farnsworth	3/25/2017	Glass	glass	fragment	undecorated
Nate Harrison	10060	9900	86	D	Sandy Loam	Ramos, Farnsworth	3/25/2017	Metal	Iron	nail	wire cut nail
Nate Harrison	10060	9900	86	D	Sandy Loam	Ramos, Farnsworth	3/25/2017	Metal	Iron	nail	machine cut nail
Nate Harrison	10060	9900	86	D	Sandy Loam	Ramos, Farnsworth	3/25/2017	Metal	iron	spur	spur star
Nate Harrison	10060	9900	86	D	Sandy Loam	Ramos, Farnsworth	3/25/2017	Metal	Iron	staple	metal staple

APPENDIX B

Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
	No		aqua						4	aqua glass fragments
iridescent patina	No		clear						16	clear glass fragments
"H" stamped on bottom	yes								1	casing with "H" stamped on bottom
	No								1	metal rivet
	No								1	large unidentifiable metal fragment
	No								1	metal fragments
	No								1	metal fragments
wire cut nail	No								2	wire cut nails
machine cut nail	No								1	machine cut nails
machine cut	No								2	machine cut nail
	No								6	metal wire fragments
	No								1	wire fragment
wire cut	No								1	wire cut nails
	No								1	unknown bone fragment
	No								2	bone fragments
	No								3	rib fragments
	No								2	long bone fragments
butchered	No								1	butchered vertebrae fragment
butchered	No								1	butchered vertebrae fragment
butchered	No								1	butchered vertebrae fragment
	No								1	peach pit fragment
iridescent patina	no		clear						2	fragments
iridescent patina	no		brown						1	fragments
wire cut	No								3	wire cut nails
machine cut	No								1	machine cut nail
spur star	No								1	spur star
metal staple	no								1	metal staple

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	10060	9900	86	E	Sandy Loam	Searl, Farnsworth	3/27/2017	Fauna	Bone	burned bone fragments	burned bone fragments
Nate Harrison	10060	9900	86	E	Sandy Loam	Searl, Farnsworth	3/27/2017	Fauna	Bone	Fragments	unknown animal fragments
Nate Harrison	10060	9900	86	E	Sandy Loam	Searl, Farnsworth	3/27/2017	Fauna	Bone	rib	rib fragments
Nate Harrison	10060	9900	86	E	Sandy Loam	Searl, Farnsworth	3/27/2017	Fauna	Bone	unidentified bone fragments	unidentified fragments
Nate Harrison	10060	9900	86	E	Sandy Loam	Searl, Farnsworth	3/27/2017	Glass	Glass	Fragments	concave, undecorated
Nate Harrison	10060	9900	86	E	Sandy Loam	Ramos, Farnsworth	3/25/2017	Metal	Iron	fragment	metal fragment
Nate Harrison	10060	9900	86	E	Sandy Loam	Ramos, Farnsworth	3/25/2017	Metal	Iron	Wire cut nail	wire cut nail
Nate Harrison	10060	9900	86	E	Sandy Loam	Searl, Farnsworth	3/27/2017	Metal	Iron	Wire cut nail	wire cut
Nate Harrison	10060	9900	86	E	Sandy Loam	Ramos, Farnsworth	3/25/2017	Metal	Iron	Wire fragments	wire fragments
Nate Harrison	10060	9900	86	E	Sandy Loam	Searl, Farnsworth	3/27/2017	Stone	stone	chipped stone	chipped stone
Nate Harrison	10060	9900	86	F	Sandy Loam	Searl, Farnsworth	3/28/2017	Flora	Wood	Charcoal	charcoal
Nate Harrison	10055	9900	87	A	Mixed Fill	Moore, Hare	2/4/2017	Ceramic	White-ware	Fragment	rim fragment
Nate Harrison	10055	9900	87	A	Mixed Fill	Moore, Hare	2/4/2017	Ceramic	White-ware	Handle	handle fragment
Nate Harrison	10055	9900	87	A	Mixed Fill	Moore, Hare	2/4/2017	Fauna	Bone	fragments	unknown animal fragments
Nate Harrison	10055	9900	87	A	Mixed Fill	Moore, Hare	2/4/2017	Fauna	Bone	mandible	small mammal mandible
Nate Harrison	10055	9900	87	A	Mixed Fill	Moore, Hare	2/4/2017	Flora	Wood	Charcoal	charcoal
Nate Harrison	10055	9900	87	A	Mixed Fill	Moore, Hare	2/4/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10055	9900	87	A	Mixed Fill	Moore, Hare	2/4/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10055	9900	87	A	Mixed Fill	Moore, Hare	2/4/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10055	9900	87	A	Mixed Fill	Moore, Hare	2/4/2017	Glass	Glass	Jar	Mason jar mouth
Nate Harrison	10055	9900	87	A	Mixed Fill	Moore, Hare	2/4/2017	metal	alloy	casing	casing with "P" stamped on bottom
Nate Harrison	10055	9900	87	A	Mixed Fill	Moore, Hare	2/4/2017	metal	alloy	casing	rifle casing with "REM-UMC No 12 NITRO CLUB" stamped on bottom
Nate Harrison	10055	9900	87	A	Mixed Fill	Moore, Hare	2/4/2017	Metal	alloy	spoon bowl	spoon broken at handle
Nate Harrison	10055	9900	87	A	Mixed Fill	Moore, Hare	2/4/2017	metal	iron	circle with hole in center	circle with hole in center and etchings on side - possible clock piece
Nate Harrison	10055	9900	87	A	Mixed Fill	Moore, Hare	2/4/2017	Metal	iron	metal strip	thick metal strip with possible screw hole
Nate Harrison	10055	9900	87	A	Mixed Fill	Moore, Hare	2/4/2017	metal	iron	metal wires	metal wires twisted together and bent at 90 degree angle
Nate Harrison	10055	9900	87	A	Mixed Fill	Moore, Hare	2/4/2017	Metal	iron	nail	wire cut nail
Nate Harrison	10055	9900	87	A	Mixed Fill	Moore, Hare	2/4/2017	Metal	iron	nail	machine cut nails
Nate Harrison	10055	9900	87	A	Mixed Fill	Moore, Hare	2/4/2017	metal	iron	scissor handle	handle of scissors

APPENDIX B

	Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
	burned	No								1	burned bone fragments
		No								3	unknown animal fragments
		No								1	rib fragments
		No								2	unidentified faunal fragments
		No		aqua						1	concave, undecorated
		No								1	metal fragments
		No								1	wire cut nails
		No								1	wire cut nail
		No								2	wire fragments
		No		black						1	chipped stone
	burned	no								2	charcoal
	cracked finish	No								1	whiteware fragment
		No								1	whiteware handle fragment
		no								10	unknown animal fragments
		no								1	small mammal mandible
	burned	No		black						12	charcoal
	horizontal lines on two pieces	No		aqua						3	aqua glass fragments
	patinaed	No		amber						2	amber glass fragments
		No		clear						6	clear glass fragments
		No		aqua						1	aqua mason jar mouth
	"P" stamped on bottom	yes								2	casing with "P" stamped on bottom
	"REM-UMC No 12 NITRO CLUB" stamped on bottom	yes								1	rifle casing with "REM-UMC No12 NITRO CLUB" stamped on bottom
		No								1	spoon broken at handle
		no								1	
		No								1	thick metal strip with possible screw hole.
	bent at 90 degree angle	No								1	metal wire twisted together and bent at 90 degree angle
	wire cut	No								9	wire cut nails
	machine cut	No								6	machine cut nails
		No								1	scissors handle

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	10055	9900	87	A	Mixed Fill	Moore, Hare	2/4/2017	Metal	iron	staple	metal staple
Nate Harrison	10055	9900	87	A	Mixed Fill	Moore, Hare	2/4/2017	metal	iron	wire fragments	wire fragments
Nate Harrison	10055	9900	87	A	Mixed Fill	Moore, Hare	2/4/2017	metal	unknown	possible electrical piece	metal circle with rectangular portion that is clipped around electrical wire
Nate Harrison	10055	9900	87	B	Sandy Loam	Moore, Hare	2/25/2017	Ceramic	Ceramic	ceramic fragment	unknown purpose
Nate Harrison	10055	9900	87	B	Sandy Loam	Moore, Hare	2/25/2017	Ceramic	White-ware	Fragment	whiteware fragment
Nate Harrison	10055	9900	87	B	Sandy Loam	Moore, Hare	2/25/2017	Fauna	bone	cranial fragment	unknown cranial fragment
Nate Harrison	10050	9900	87	B	Sandy Loam	Moore, Hare	2/25/2017	Fauna	Bone	fragment	burned bone fragments
Nate Harrison	10050	9900	87	B	Sandy Loam	Moore, Hare	2/25/2017	Fauna	Bone	fragment	butchered bone fragment
Nate Harrison	10050	9900	87	B	Sandy Loam	Moore, Hare	2/25/2017	Fauna	Bone	fragment	unknown long bone fragment
Nate Harrison	10050	9900	87	B	Sandy Loam	Moore, Hare	2/25/2017	Fauna	Bone	fragments	unknown animal fragments
Nate Harrison	10050	9900	87	B	Sandy Loam	Moore, Hare	2/25/2017	Fauna	Bone	humerus	distal end of ovis humerus
Nate Harrison	10055	9900	87	B	Sandy Loam	Moore, Hare	2/25/2017	Fauna	Bone	Mandible Fragment	bos mandible fragment
Nate Harrison	10050	9900	87	B	Sandy Loam	Moore, Hare	2/25/2017	Fauna	Bone	mandible fragment	mandible fragment - mandibular condyle
Nate Harrison	10055	9900	87	B	Sandy Loam	Moore, Hare	2/25/2017	Fauna	bone	scapula	bos glenoid fossa
Nate Harrison	10055	9900	87	B	Sandy Loam	Moore, Hare	2/25/2017	Fauna	bone	scapula	bos scapula fragment
Nate Harrison	10050	9900	87	B	Sandy Loam	Moore, Hare	2/25/2017	Fauna	Bone	small mammal bones	small mammal bones
Nate Harrison	10050	9900	87	B	Sandy Loam	Moore, Hare	2/25/2017	Fauna	Bone	ulna	proximal ulna fragment
Nate Harrison	10050	9900	87	B	Sandy Loam	Moore, Hare	2/25/2017	Fauna	tooth	teeth fragments	teeth fragment
Nate Harrison	10055	9900	87	B	Sandy Loam	Moore, Hare	2/25/2017	flora	wood	charcoal	charcoal
Nate Harrison	10055	9900	87	B	Sandy Loam	Moore, Hare	2/25/2017	flora	wood	wood fragment	painted wood fragment
Nate Harrison	10055	9900	87	B	Sandy Loam	Moore, Hare	2/25/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10055	9900	87	B	Sandy Loam	Moore, Hare	2/25/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10055	9900	87	B	Sandy Loam	Moore, Hare	2/25/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10055	9900	87	B	Sandy Loam	Moore, Hare	2/25/2017	Glass	Glass	Fragment	glass rim fragment
Nate Harrison	10055	9900	87	B	Sandy Loam	Moore, Hare	2/25/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10055	9900	87	B	Sandy Loam	Moore, Hare	2/25/2017	metal	Alloy	casing	casing
Nate Harrison	10055	9900	87	B	Sandy Loam	Moore, Hare	2/25/2017	Metal	Alloy	casing	Casing with "WRA CO 32 WCF" stamped on bottom
Nate Harrison	10055	9900	87	B	Sandy Loam	Moore, Hare	2/25/2017	metal	Alloy	casing	Large casing with "PETERS No 16 HIGH GUN" stamped on bottom
Nate Harrison	10055	9900	87	B	Sandy Loam	Moore, Hare	2/25/2017	Metal	iron	bottle opener	corkscrew bottle opener
Nate Harrison	10050	9900	87	B	Sandy Loam	Moore, Hare	2/25/2017	Metal	iron	can	Prince albert style tobacco can

APPENDIX B

Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
	No								1	metal staple
	No								2	wire fragments
	No								1	metal circle with rectangular portion that is clipped around electrical wire
	No								1	ceramic fragment
cracked finish	No								1	whiteware fragment
	No								1	unknown cranial fragment
burned	No								1	burned bone fragments
butchered	No								1	butchered long bone fragment
	No								1	long bone fragment
	No								23	unknown animal fragments
	No								1	distal end of ovis humerus
	No								1	bos mandible fragment
	No								1	mandible fragment - mandibular condyle
butchered	No								1	bos glendoid fossa
butchered	No								1	butchered bos scapula
	No								2	small mammal bones
unfused	No								1	proximate unfused ulna fragment
	No								2	teeth fragments
burned	No		black						3	charcoal
painted wood	No		white						1	white painted wood
scratched up	No		solarized amethyst						1	amethyst glass fragment
patinaed	No		amber						1	amber glass fragment
	No		green						1	green glass fragment
patinaed, raised rim and part of shoulder present	No		aqua						1	aqua glass rim fragment
iridescent patina	No		clear						8	clear glass fragments
heavily patinated	no								1	heavily patinated casing
"WRA CO 32 WCF" stamped on bottom	yes								1	Casing with "WRA CO 32 WCF" stamped on bottom
"PETERS No 16 HIGH GUN" stamped on bottom	yes								1	Large casing with "PETERS No 16 HIGH GUN" stamped on bottom
	No								1	bottle opener
	Yes								1	prince albert style tabbaco can

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	10055	9900	87	B	Sandy Loam	Moore, Hare	2/25/2017	metal	Iron	metal fragments	metal fragments
Nate Harrison	10055	9900	87	B	Sandy Loam	Moore, Hare	2/25/2017	Metal	Iron	nail	machine cut nails
Nate Harrison	10055	9900	87	B	Sandy Loam	Moore, Hare	2/25/2017	metal	iron	nail	wire cut nails
Nate Harrison	10055	9900	87	B	Sandy Loam	Moore, Hare	2/25/2017	Metal	Iron	sardine can coil	metal coil
Nate Harrison	10055	9900	87	B	Sandy Loam	Moore, Hare	2/4/2017	Metal	Iron	Tobacco Can	Prince albert style tobacco can
Nate Harrison	10055	9900	87	B	Sandy Loam	Moore, Hare	2/25/2017	metal	Iron	unknown	square metal objects with 8-10 holes along edges
Nate Harrison	10055	9900	87	B	Sandy Loam	Moore, Hare	2/25/2017	Metal	iron	Unknown	unknown metal oval
Nate Harrison	10055	9900	87	B	Sandy Loam	Moore, Hare	2/25/2017	metal	wire	wire fragments	wire fragments
Nate Harrison	10055	9900	87	B	Sandy Loam	Moore, Hare	2/25/2017	Stone	Stone	stone	
Nate Harrison	10055	9900	87	B	Sandy Loam	Moore, Hare	2/25/2017	Stone	Stone	whetstone	whetstone
Nate Harrison	10055	9900	87	C	Sandy Loam	Moore, Hare	3/4/2017	Ceramic	White-ware	Fragment	base fragment
Nate Harrison	10050	9885	87	C	Sandy Loam	Moore, Hare	3/4/2017	Fauna	Bone	bos ulna fragment	proximal end
Nate Harrison	10055	9900	87	C	Sandy Loam	Moore, Hare	3/18/2017	Fauna	bone	carpal	burned
Nate Harrison	10055	9900	87	C	Sandy Loam	Moore, Hare	3/18/2017	Fauna	Bone	fragment	unid mm fragment
Nate Harrison	10055	9900	87	C	Sandy Loam	Moore, Hare	3/18/2017	Fauna	Bone	fragment	large bone fragment
Nate Harrison	10055	9900	87	C	Sandy Loam	Moore, Hare	3/18/2017	Fauna	Bone	rib	butchered rib fragments
Nate Harrison	10050	9885	87	C	Sandy Loam	Moore, Hare	3/4/2017	Fauna	Bone	rib fragments	rib fragments
Nate Harrison	10055	9900	87	C	Sandy Loam	Moore, Hare	3/4/2017	Fauna	Bone	unknown bone fragment	unknown butchered bone fragment
Nate Harrison	10055	9900	87	C	Sandy Loam	Moore, Hare	3/4/2017	Fauna	Bone	unknown bone fragments	unknown bone fragments
Nate Harrison	10055	9900	87	C	Sandy Loam	Moore, Hare	3/4/2017	Fauna	shell	button	large shell button
Nate Harrison	10055	9900	87	C	Sandy Loam	Moore, Hare	3/4/2017	Fauna	shell	button	small shell button
Nate Harrison	10055	9900	87	C	Sandy Loam	Moore, Hare	3/4/2017	Glass	glass	bottle fragments	fragmented
Nate Harrison	10055	9900	87	C	Sandy Loam	Moore, Hare	3/4/2017	Glass	Glass	bottle fragments	fragmented
Nate Harrison	10055	9900	87	C	Sandy Loam	Moore, Hare	3/4/2017	Glass	Glass	Fragment	large glass fragment
Nate Harrison	10055	9900	87	C	Sandy Loam	Moore, Hare	3/4/2017	Glass	glass	Fragment	flat, undecorated
Nate Harrison	10055	9900	87	C	Sandy Loam	Moore, Hare	3/4/2017	Glass	Glass	Fragment	concave, undecorated
Nate Harrison	10055	9900	87	C	Sandy Loam	Moore, Hare	3/4/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10055	9900	87	C	Sandy Loam	Moore, Hare	3/4/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10055	9900	87	C	Sandy Loam	Moore, Hare	3/4/2017	metal	alloy	button	metal button
Nate Harrison	10055	9900	87	C	Sandy Loam	Moore, Hare	3/4/2017	Metal	Alloy	casing	Casing with "WRA CO 32 WCF" stamped on bottom
Nate Harrison	10055	9900	87	C	Sandy Loam	Moore, Hare	3/4/2017	Metal	Alloy	casing	Casing with "WRA CO 44 WCF" stamped on bottom
Nate Harrison	10055	9900	87	C	Sandy Loam	Moore, Hare	3/4/2017	Metal	Alloy	casing	large casing with "WINCHESTER No 12" stamped on bottom.

APPENDIX B

Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
	No								3	metal fragments
machine cut	No								11	machine cut nails
wire cut	No								22	wire cut nails
	No								1	sardine can coil
hinged lid	No								1	minor red showing through rust
	No								2	square metal fragments with 8-10 holes along edges
has tabs	No								2	unknown metal oval with two tabs
	No								16	wire fragments
	No								1	stone
	No								1	whetstone
raised rim on base	No								1	whiteware base fragment
butchered	no								1	bos ulna fragment
unid animal	No								1	burned unid carpal
	No								36	Unid MM bone fragment
	No								1	large bone fragment
butchered	No								1	butchered rib fragments
	no								6	rib fragments
butchered	no								1	unknown butchered bone fragments
	no								3	Unknown bone fragments
shell button	no								1	Large shell button
shell button	No								1	Small shell button
iridescent patina	No		clear						21	bottle fragments
iridescent patina, "Optimus" stamped on bottom	yes		clear						14	Optimus bottle fragments
iridescent patina	No		clear						1	large clear glass fragment
iridescent patina	No		clear						2	fragments
iridescent patina	No		amber						1	fragment
iridescent patina	No		clear						6	clear glass fragments
white patina on one sherd	No		aqua						3	aqua glass fragments
metal button	No								1	metal button
"WRA CO 32 WCF" stamped on bottom	yes								1	Casing with "WRA CO 32 WCF" stamped on bottom
"WRA CO 44 WCF" stamped on bottom	yes								1	casing with "WRA CO 44 WCF" stamped on bottom
"WINCHESTER No 12" stamped on bottom.	yes								1	large casing with "WINCHESTER No 12" stamped on bottom.

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	10055	9900	87	C	Sandy Loam	Moore, Hare	3/4/2017	Metal	Alloy	casing	Casing with "H" stamped on bottom
Nate Harrison	10055	9900	87	C	Sandy Loam	Moore, Hare	3/18/2017	Metal	alloy	eyelit	shoe eyelits
Nate Harrison	10055	9900	87	C	Sandy Loam	Moore, Hare	3/4/2017	Metal	alloy	flakes	oxidized metal flake scraps
Nate Harrison	10055	9900	87	C	Sandy Loam	Moore, Hare	3/4/2017	Metal	Alloy	nail	Nails of various sizes full head, all round
Nate Harrison	10055	9900	87	C	Sandy Loam	Moore, Hare	3/4/2017	Metal	Alloy	Nail	square cut, oxidized nail
Nate Harrison	10055	9900	87	C	Sandy Loam	Moore, Hare	3/18/2017	Metal	alloy	rivet	rivet for cloth
Nate Harrison	10055	9900	87	C	Sandy Loam	Moore, Hare	3/4/2017	Metal	alloy	Staple	oxidized curved staple metal alloy
Nate Harrison	10055	9900	87	C	Sandy Loam	Moore, Hare	3/4/2017	Metal	alloy	unknown	metal object
Nate Harrison	10055	9900	87	C	Sandy Loam	Moore, Hare	3/4/2017	Metal	alloy	Wire	metal wire
Nate Harrison	10055	9900	87	C	Sandy Loam	Moore, Hare	3/4/2017	Metal	Iron	Can	top/bottom of can
Nate Harrison	10055	9900	87	C	Sandy Loam	Moore, Hare	3/4/2017	Metal	Iron	Can	rectangular can
Nate Harrison	10055	9900	87	C	Sandy Loam	Moore, Hare	3/4/2017	Metal	Iron	Can	can fragment
Nate Harrison	10055	9900	87	C	Sandy Loam	Moore, Hare	3/4/2017	Metal	Iron	Fragment	back of hammer/axe
Nate Harrison	10055	9900	87	C	Sandy Loam	Moore, Hare	3/4/2017	Metal	Iron	Fragment	rectangular handle w/ threaded sides
Nate Harrison	10055	9900	87	C	Sandy Loam	Moore, Hare	3/4/2017	Metal	Iron	Fragment	metal fragments
Nate Harrison	10055	9900	87	C	Sandy Loam	Moore, Hare	3/4/2017	Metal	Iron	Nail	machine-cut nail
Nate Harrison	10055	9900	87	C	Sandy Loam	Moore, Hare	3/4/2017	Metal	Iron	Nail	wire nail
Nate Harrison	10055	9900	87	C	Sandy Loam	Moore, Hare	3/4/2017	Metal	Iron	staple	possibly fence staple
Nate Harrison	10055	9900	87	C	Sandy Loam	Moore, Hare	3/4/2017	Metal	Iron	Wire	wire fragment
Nate Harrison	10055	9900	87	C	Sandy Loam	Moore, Hare	3/4/2017	Metal	Iron	wire	wire fragment
Nate Harrison	10055	9900	87	C	Sandy Loam	Moore, Hare	3/4/2017	Metal	Iron	Metal Bar	bent metal bar
Nate Harrison	10055	9900	87	D	Sandy Loam	Moore, Hare	3/11/2017	Ceramic	White-ware	Fragment	whiteware fragment
Nate Harrison	10055	9900	87	D	Sandy Loam	Moore, Hare	3/11/2017	Ceramic	White-ware	Fragments	whiteware fragments
Nate Harrison	10055	9900	87	D	Sandy Loam	Moore, Hare	3/18/2017	Fauna	bone	bone fragment	burned bone fragment
Nate Harrison	10055	9900	87	D	Sandy Loam	Moore, Hare	3/18/2017	Fauna	Bone	burned bone fragments	burned bone fragments
Nate Harrison	10055	9900	87	D	Sandy Loam	Moore, Hare	3/18/2017	fauna	bone	distal portion of long bone	distal portion of long bone
Nate Harrison	10055	9900	87	D	Sandy Loam	Moore, Hare	3/18/2017	Fauna	bone	fragments	unknown animal fragments
Nate Harrison	10055	9900	87	D	Sandy Loam	Moore, Hare	3/18/2017	Fauna	bone	fragments	unidentified small mammal fragments
Nate Harrison	10055	9900	87	D	Sandy Loam	Moore, Hare	3/18/2017	Fauna	bone	long bone fragment	butchered long bone fragment
Nate Harrison	10055	9900	87	D	Sandy Loam	Moore, Hare	3/18/2017	Fauna	bone	long bone fragment	butchered long bone fragment
Nate Harrison	10055	9900	87	D	Sandy Loam	Moore, Hare	3/18/2017	Fauna	bone	Rib fragments	rib fragments
Nate Harrison	10055	9900	87	D	Sandy Loam	Moore, Hare	3/18/2017	Fauna	bone	rib fragments	rib fragments
Nate Harrison	10055	9900	87	D	Sandy Loam	Moore, Hare	3/18/2017	Fauna	bone	tooth	unid mm teeth
Nate Harrison	10055	9900	87	D	Sandy Loam	Moore, Hare	3/18/2017	Fauna	bone	unidentified foot bones	unknown animal

APPENDIX B

Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
"H" stamped on bottom	yes								1	Casing with "H" stamped on bottom.
metal shoe eyelits	no								1	metal shoe eyelits
	no								15	metal fragments
	No								21	oxidized metal nails oxidized
	No								4	oxidized square metal nails
metal clothing rivet	no								2	metal cloth rivets
	No								1	oxidized metal flake scraps
	No								1	unknown metal object
	No								4	oxidized wire pieces
rusted	No								1	one side of a rusted can
	No								1	rectangular can
rusted	No								1	can fragment
rusted	No								1	back of hammer/axe
rusted	No								1	rectangular handle w/ threaded sides
rusted	No								5	metal fragments
partial, rusted	No								1	partial machined nail
rusted, 2 complete/1 partial	No								3	wire nails
rusted	No								1	possible fence staple
	No								1	wire fragment
	No								1	wire fragment
screw in middle, rusted	No								1	bent metal bar with screw sticking out
	No								1	whiteware fragment
	No		white						2	whiteware fragments
burned	No								1	burned bone fragment
burned	No								8	burned bone fragments
	No								1	distal portion of long bone
unknown animal	No								48	unidentified animal fragments
small mammal	No								11	unidentified small mammal fragments
butchered	No								1	butchered long bone fragment
butchered	No								1	butchered bone fragments
	No								9	rib fragments
	No								2	rib fragments
unid mm teeth	No								3	unid mm teeth
	No								3	unknown foot bones

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	10055	9900	87	D	Sandy Loam	Moore, Hare	3/18/2017	Fauna	Bone	unidentified possible modification	possible modified bone fragment
Nate Harrison	10055	9900	87	D	Sandy Loam	Moore, Hare	3/18/2017	Fauna	bone	unknown bone fragments	unknown bone fragments
Nate Harrison	10055	9900	87	D	Sandy Loam	Moore, Hare	3/18/2017	Fauna	bone	unknown fragments	butchered animal fragments
Nate Harrison	10055	9900	87	D	Sandy Loam	Moore, Hare	3/18/2017	Fauna	bone	vertebrae	cervical vertebrae body fragment
Nate Harrison	10055	9900	87	D	Sandy Loam	Moore, Hare	3/11/2017	Flora	wood	Charcoal	charcoal
Nate Harrison	10055	9900	87	D	Sandy Loam	Moore, Hare	3/11/2017	Glass	Glass	Bottle	bottle neck fragments
Nate Harrison	10055	9900	87	D	Sandy Loam	Moore, Hare	3/11/2017	Glass	Glass	Bottle	bottle neck fragment
Nate Harrison	10055	9900	87	D	Sandy Loam	Moore, Hare	3/11/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10055	9900	87	D	Sandy Loam	Moore, Hare	3/11/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10055	9900	87	D	Sandy Loam	Moore, Hare	3/18/2017	Glass	glass	fragment	concave, undecorated
Nate Harrison	10055	9900	87	D	Sandy Loam	Moore, Hare	3/11/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10055	9900	87	D	Sandy Loam	Moore, Hare	3/11/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10055	9900	87	D	Sandy Loam	Moore, Hare	3/11/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10055	9900	87	D	Sandy Loam	Moore, Hare	3/11/2017	Metal	alloy	casing	Casing with "H" stamped on bottom
Nate Harrison	10055	9900	87	D	Sandy Loam	Moore, Hare	3/11/2017	Metal	alloy	casing	short casing with "H" stamped on bottom
Nate Harrison	10055	9900	87	D	Sandy Loam	Moore, Hare	3/11/2017	Metal	alloy	casing	Casing with "U.S. 44 WCF" stamped on bottom
Nate Harrison	10055	9900	87	D	Sandy Loam	Moore, Hare	3/18/2017	Metal	Alloy	cylinder shaped	cylindrical shaped metal
Nate Harrison	10055	9900	87	D	Sandy Loam	Moore, Hare	3/11/2017	Metal	alloy	rivet	rivet for clothing
Nate Harrison	10055	9900	87	D	Sandy Loam	Moore, Hare	3/18/2017	Metal	Iron	Bolt	bolt fragment
Nate Harrison	10055	9900	87	D	Sandy Loam	Moore, Hare	3/18/2017	Metal	Iron	bolt	bolt fragment
Nate Harrison	10055	9900	87	D	Sandy Loam	Moore, Hare	3/18/2017	Metal	Iron	bottle cap	metal bottle cap
Nate Harrison	10055	9900	87	D	Sandy Loam	Moore, Hare	3/18/2017	Metal	iron	can	can
Nate Harrison	10055	9900	87	D	Sandy Loam	Moore, Hare	3/18/2017	Metal	iron	can	can
Nate Harrison	10055	9900	87	D	Sandy Loam	Moore, Hare	3/18/2017	Metal	iron	can	metal can lids
Nate Harrison	10055	9900	87	D	Sandy Loam	Moore, Hare	3/18/2017	Metal	iron	can	large can lid
Nate Harrison	10055	9900	87	D	Sandy Loam	Moore, Hare	3/11/2017	Metal	iron	can	flattened can
Nate Harrison	10055	9900	87	D	Sandy Loam	Moore, Hare	3/11/2017	Metal	Iron	fragments	metal fragments
Nate Harrison	10055	9900	87	D	Sandy Loam	Moore, Hare	3/18/2017	Metal	Iron	fragments	metal fragments
Nate Harrison	10055	9900	87	D	Sandy Loam	Moore, Hare	3/18/2017	metal	iron	fragments	metal fragments
Nate Harrison	10055	9900	87	D	Sandy Loam	Moore, Hare	3/18/2017	Metal	iron	key	sardine key
Nate Harrison	10055	9900	87	D	Sandy Loam	Moore, Hare	3/18/2017	metal	iron	key	sardine key with metal wrapping
Nate Harrison	10055	9900	87	D	Sandy Loam	Moore, Hare	3/18/2017	Metal	Iron	nail	machine cut
Nate Harrison	10055	9900	87	D	Sandy Loam	Moore, Hare	3/18/2017	metal	Iron	nail	wire cut
Nate Harrison	10055	9900	87	D	Sandy Loam	Moore, Hare	3/18/2017	Metal	Iron	wire	wire fragments
Nate Harrison	10055	9900	87	D	Sandy Loam	Moore, Hare	3/18/2017	Metal	Iron	screw	complete screw

APPENDIX B

Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
unusually smoothed end	no								1	possible modified bone fragment
	No								2	Unknown bone fragments
butchered	No								4	unknown butchered fragments
body fragment	No								1	cervical vertebrae body fragment
burned	No								1	charcoal
iridescent patina	No		clear						2	clear bottle neck fragments
white patina, shoulders present	No		aqua						1	aqua bottle neck fragment
iridescent patina	No		amber						2	amber glass fragment
	No		solarized amethyst						1	amethyst glass fragment
iridescent patina	No		clear						1	concave, undecorated
white patina	No		clear						24	clear glass fragments
white patina	No		aqua						3	aqua glass fragments
	No		dark brown						2	dark brown glass fragments
"H" stamped on bottom	yes								2	long casings with "H" stamped on bottom
"H" stamped on bottom	yes								1	short casing with "H" stamped on bottom
"U.S. 44 WCF" stamped on bottom	yes								1	Casing with "U.S. 44 WCF" stamped on bottom
	No								1	Cylindrical shaped metal object
decorative clothing rivet	no								1	metal decorative cloth rivet
	No								1	Metal bolt fragment
	No								1	iron bolt
	No								1	Metal bottle cap
	No								1	iron rectangular can
	No								1	iron rectangular can
	No								4	metal can lids
	No								1	large can lid
	No								1	flattened can
	No								9	metal fragments
	No								47	metal fragments
	No								2	metal fragments
	No								1	sardine key
	no								1	Sardine key with metal wrapping
machine cut nail	No								4	machine cut nails
wire cut nails	No								40	wire cut nails
	No								28	metal wire fragments
	No								1	metal screw

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	10055	9900	87	D	Sandy Loam	Moore, Hare	3/11/2017	Metal	unknown	possible foil	possible foil
Nate Harrison	10055	9900	87	D	Sandy Loam	Moore, Hare	3/11/2017	Metal	alloy	casing	Casing with "H" stamped on bottom
Nate Harrison	10055	9900	87	D	Sandy Loam	Moore, Hare	3/11/2017	Metal	alloy	casing	casings with "WRA CO 38 S" stamped on bottom
Nate Harrison	10055	9900	87	D	Sandy Loam	Moore, Hare	3/11/2017	Metal	alloy	casing	Casing with "H" stamped on bottom and wood inside
Nate Harrison	10055	9900	87	D	Sandy Loam	Moore, Hare	3/18/2017	Metal	Alloy	furrule	metal furrule
Nate Harrison	10055	9900	87	D	Sandy Loam	Moore, Hare	3/11/2017	Metal	iron	nail	machine cut nail
Nate Harrison	10055	9900	87	D	Sandy Loam	Moore, Hare	3/11/2017	Stone	pyrite	flakes	pyrite (fool's gold) flakes
Nate Harrison	10055	9900	87	E	Sandy Loam	Moore, Hare	3/25/2017	Fauna	Bone	Bone	small mammal bone
Nate Harrison	10055	9900	87	E	Sandy Loam	Moore, Hare	3/25/2017	Fauna	Bone	burned bone fragments	burned bone fragments
Nate Harrison	10055	9900	87	E	Sandy Loam	Moore, Hare	3/25/2017	Fauna	Bone	Fragment	burned bone
Nate Harrison	10055	9900	87	E	Sandy Loam	Moore, Hare	3/25/2017	Fauna	Bone	Fragments	large fragments
Nate Harrison	10055	9900	87	E	Sandy Loam	Moore, Hare	3/25/2017	Fauna	Bone	fragments	unknown animal fragments
Nate Harrison	10055	9900	87	E	Sandy Loam	Moore, Hare	3/25/2017	Fauna	Bones	Fragment	rib fragment
Nate Harrison	10055	9900	87	E	Sandy Loam	Moore, Hare	3/18/2017	Fauna	shell	unknown	unknown rectangular object with striations
Nate Harrison	10055	9900	87	E	Sandy Loam	Moore, Hare	3/18/2017	Flora	Peach	Peach pit	peach pit fragment
Nate Harrison	10055	9900	87	E	Sandy Loam	Moore, Hare	3/25/2017	Glass	Glass	Bottle Neck	fragment of a bottle neck
Nate Harrison	10055	9900	87	E	Sandy Loam	Moore, Hare	3/25/2017	Glass	Glass	Button	glass button
Nate Harrison	10055	9900	87	E	Sandy Loam	Moore, Hare	3/25/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10055	9900	87	E	Sandy Loam	Moore, Hare	3/25/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10055	9900	87	E	Sandy Loam	Moore, Hare	3/25/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10055	9900	87	E	Sandy Loam	Moore, Hare	3/25/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10055	9900	87	E	Sandy Loam	Moore, Hare	3/25/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10055	9900	87	E	Sandy Loam	Moore, Hare	3/25/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10055	9900	87	E	Sandy Loam	Moore, Hare	3/25/2017	Metal	Iron	Fragment	flake fragment
Nate Harrison	10055	9900	87	E	Sandy Loam	Moore, Hare	3/18/2017	Metal	Iron	fragments	metal fragments
Nate Harrison	10055	9900	87	E	Sandy Loam	Moore, Hare	3/25/2017	Metal	Iron	Nail	two intact nails
Nate Harrison	10055	9900	87	E	Sandy Loam	Moore, Hare	3/18/2017	Metal	iron	nails	machine cut nails
Nate Harrison	10055	9900	87	E	Sandy Loam	Moore, Hare	3/18/2017	Metal	Iron	wire	wire fragments
Nate Harrison	10055	9900	87	E	Sandy Loam	Moore, Hare	3/25/2017	Stone	chipped stone	flake	chipped stone flake
Nate Harrison	10055	9900	87	F	Sandy Loam	Moore, Timog	3/27/2017	Ceramic	Ceramic	sherd	ceramic sherd
Nate Harrison	10055	9900	87	F	Sandy Loam	Moore, Timog	3/27/2017	Glass	Glass	Fragment	concave
Nate Harrison	10055	9900	87	F	Sandy Loam	Moore, Timog	3/27/2017	Metal	Iron	Nail	modern wire nail
Nate Harrison	10055	9900	87	F	Sandy Loam	Moore, Timog	3/27/2017	Metal	iron	suspender clip	clip for suspender
Nate Harrison	10055	9900	87	F	Sandy Loam	Moore, Timog	3/27/2017	Metal	Iron	Wire Fragment	wire fragment
Nate Harrison	10055	9900	87	F	Sandy Loam	Moore, Timog	3/27/2017	Stone	Quartz	Quartz	quartz fragment

APPENDIX B

Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
	No								7	possible foil
"H" stamped on bottom	yes								1	casing with "H" stamped on bottom
"WRA CO 38 S" stamped on bottom	yes								2	casings with "WRA CO 38 S" stamped on bottom
"H" stamped on bottom and wood inside	yes								1	casing with "H" stamped on bottom and wood inside
	No								1	metal furrule
machine cut	No								1	machine cut nail
	No								4	pyrite flakes
variety of types	No								30	small mammal bones
burned	No								1	burned bone fragment
	No								1	burned bone fragment
	No								8	large bone fragments
	No								2	unknown animal fragments
	No								1	rib fragment
	No								2	unknown rectangular object with striations
	No								1	peach pit fragment
iridescent patina, small piece of lip present	No		amber						1	bottle neck fragment
four holes in middle	No		amber						1	glass button
raised design/writing	No		aqua						1	glass fragment
	No		solarized amethyst						1	glass fragment
patinaed	No		amber						1	glass fragment
	No		aqua						1	aqua glass fragment
	No		amber						2	amber glass fragments
white and iridescent patina	No		clear						4	glass fragment
rusted	No								1	metal fragment
	No								6	metal fragments
rusted	No								2	nails
machine cut	No								2	machine cut nails
	No								3	wire fragments
	No								1	Chipped stone flake
possible NA origin	no		brown						1	ceramic fragment
iridescent patina	No		clear						1	concave, undecorated
rounded head, rusted	No								1	modern wire nail, intact, rounded head
metal suspender clip	No								1	metal suspender clip
curved, rusted	No								1	wire fragment, rusted, curved
	No								3	quartz

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	10055	9900	87	G	Sandy Loam	Moore, Timog	3/28/2017	Metal	Alloy	Casing	metal casing
Nate Harrison	10055	9900	87	G	Sandy Loam	Moore, Timog	3/28/2017	Metal	Iron	Nail	complete wire nail
Nate Harrison	10055	9900	87	G	Sandy Loam	Moore, Timog	3/28/2017	Stone	Quartz	Quartz	quartz fragment
Nate Harrison	10055	9900	87	H	Sandy Loam	Moore, Hare	3/29/2017	Ceramic	White-ware	Fragment	whiteware fragment
Nate Harrison	10055	9900	87	H	Sandy Loam	Moore, Hare	3/29/2017	Fauna	Bone	bone fragments	fragmented large rodent
Nate Harrison	10055	9900	87	H	Sandy Loam	Moore, Hare	3/29/2017	Fauna	Bone	distal humeri fragment	distal portion of ovine humerus
Nate Harrison	10055	9900	87	H	Sandy Loam	Moore, Hare	3/29/2017	Fauna	Bone	unidentified animal fragments	unidentified animal fragment
Nate Harrison	10055	9900	87	H	Sandy Loam	Moore, Hare	3/29/2017	Glass	glass	fragment	concave, undecorated
Nate Harrison	10055	9900	87	H	Sandy Loam	Moore, Hare	3/29/2017	Metal	iron	bucket handle	bucket handle
Nate Harrison	10055	9900	87	H	Sandy Loam	Moore, Hare	3/29/2017	Metal	iron	can	sardine can
Nate Harrison	10055	9900	87	H	Sandy Loam	Moore, Hare	3/29/2017	Metal	iron	can	circular can
Nate Harrison	10055	9900	87	H	Sandy Loam	Moore, Hare	3/29/2017	Metal	iron	can	fragments
Nate Harrison	10055	9900	87	H	Sandy Loam	Moore, Hare	3/29/2017	Metal	iron	can	rectangular lid
Nate Harrison	10055	9900	87	H	Sandy Loam	Moore, Timog	3/29/2017	metal	iron	fragments	metal fragments
Nate Harrison	10055	9900	87	H	Sandy Loam	Moore, Hare	3/29/2017	Metal	iron	fragments	unknown metal fragments
Nate Harrison	10055	9900	87	H	Sandy Loam	Moore, Timog	3/29/2017	metal	iron	wire	fragments
Nate Harrison	10055	9900	87	H	Sandy Loam	Moore, Timog	3/29/2017	metal	iron	wire	fragments
Nate Harrison	10055	9900	87	H	Sandy Loam	Moore, Hare	3/29/2017	Stone	Stone	Pendant	Pendant
Nate Harrison	10050	9900	88	A	Mixed Fill	Lennox, Doose	2/11/2017	Ceramic	Ceramic	Fragment	whiteware fragments
Nate Harrison	10050	9900	88	A	Mixed Fill	Lennox, Doose	2/11/2017	Ceramic	Ceramic	Stopper	Ceramic stopper
Nate Harrison	10050	9900	88	A	Mixed Fill	Lennox, Doose	2/11/2017	Fauna	Bone	Fragment	unidentified bone fragment
Nate Harrison	10050	9900	88	A	Mixed Fill	Lennox, Doose	2/11/2017	Fauna	Bone	fragments	burned fragments
Nate Harrison	10050	9900	88	A	Mixed Fill	Lennox, Doose	2/11/2017	Fauna	Bone	fragments	unidentified bone fragments
Nate Harrison	10050	9900	88	A	Mixed Fill	Lennox, Doose	2/11/2017	Fauna	Bone	fragments	long bone fragment
Nate Harrison	10050	9900	88	A	Mixed Fill	Lennox, Doose	2/11/2017	Fauna	Bone	Mandible Fragment	Bobcat
Nate Harrison	10050	9900	88	A	Mixed Fill	Lennox, Doose	2/11/2017	Fauna	Bone	Rib Fragment	fragmented rib bones
Nate Harrison	10050	9900	88	A	Mixed Fill	Lennox, Doose	2/11/2017	Fauna	Bone	rodent	skull fragments
Nate Harrison	10050	9900	88	A	Mixed Fill	Lennox, Doose	2/11/2017	Flora	Wood	Charcoal	fragments
Nate Harrison	10050	9900	88	A	Mixed Fill	Lennox, Doose	2/11/2017	Glass	Glass	Base Fragment	Base fragment
Nate Harrison	10050	9900	88	A	Mixed Fill	Lennox, Doose	2/11/2017	Glass	Glass	Fragments	concave, undecorated
Nate Harrison	10050	9900	88	A	Mixed Fill	Lennox, Doose	2/11/2017	Glass	Glass	Fragments	Flat

APPENDIX B

Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
opening is squished closed	No								1	metal casing
bent	No								1	complete wire nail, bent
	No								2	quartz
	No								1	whiteware fragment
	No								6	possible rabbit (leporidae)
butchered	No								1	distal portion of ovnis humerus
	No								7	unidentified animal fragments
	No		clear						2	fragments
	no								1	bucket handle
	No								1	sardine can
	No								1	circular can
	No								3	can fragments
	No								1	can lid
	No								57	metal fragments
	No								6	unknown metal fragments
	No								2	wire fragments
	No								2	wire fragments
Pendant, hole in one section	No								1	Stone pendant
concave	No		white						3	concave white ceramic fragment
Ceramic cork stopper	no		white						1	ceramic stopper
unidentified bone fragment	no								1	unidentified bone fragment
burned	No								3	burned fragments
unidentified bone fragment	No								10	unidentified bone fragments
long bone fragment	No								2	long bone fragments
left bobcat mandible	No								1	left bobcat mandible
one large, one short	No								2	rib fragment
rodent skull fragments	No								3	rodent skull fragments
burned	no		black						5	burned charcoal fragments
iridescent patina	no		clear						1	Base fragment
iridescent patina	No		clear						2	concave, undecorated
Flat	no		clear						1	flat

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	10050	9900	88	A	Mixed Fill	Lennox, Doose	2/11/2017	Glass	Glass	Fragments	Raised lines on surface
Nate Harrison	10050	9900	88	A	Mixed Fill	Lennox, Doose	2/11/2017	Glass	Glass	Fragments	undecorated, concave
Nate Harrison	10050	9900	88	A	Mixed Fill	Lennox, Doose	2/11/2017	Metal	Alloy	Bullet Casing	fired casing
Nate Harrison	10050	9900	88	A	Mixed Fill	Lennox, Doose	2/11/2017	Metal	Iron	Key	sardine key with metal wrapping
Nate Harrison	10050	9900	88	A	Mixed Fill	Lennox, Doose	2/11/2017	Metal	Iron	Nails	wire nails
Nate Harrison	10050	9900	88	A	Mixed Fill	Lennox, Doose	2/11/2017	Metal	Iron	nails	rectangular cut nails
Nate Harrison	10050	9900	88	A	Mixed Fill	Lennox, Doose	2/11/2017	Metal	Iron	wire fragments	wire fragments
Nate Harrison	10050	9900	88	A	Mixed Fill	Lennox, Doose	2/11/2017	Metal	unknown	Button	pants button
Nate Harrison	10050	9900	88	A	Mixed Fill	Lennox, Doose	2/11/2017	Metal	unknown	Fragments	fragments
Nate Harrison	10050	9900	88	A	Mixed Fill	Lennox, Doose	2/11/2017	Metal	unknown	unknown	oval, triangular outcropping
Nate Harrison	10050	9900	88	A	Mixed Fill	Doose, Lennox	2/4/2017	Metal	wire	wire	wire
Nate Harrison	10050	9900	88	B	Sandy Loam	Lennox	2/25/2017	Fauna	Bone	Fragments	bone fragments
Nate Harrison	10050	9900	88	B	Sandy Loam	Lennox	2/25/2017	Fauna	Bone	Fragments	burned bone fragments
Nate Harrison	10050	9900	88	B	Sandy Loam	Doose, Lennox	2/11/2017	fauna	bone	unidentified bone fragments	inidentified bone fragments
Nate Harrison	10050	9900	88	B	Sandy Loam	Doose, Lennox	2/11/2017	Fauna	bone	unidentified burned animal fragments	unidentified burned bone
Nate Harrison	10050	9900	88	B	Sandy Loam	Lennox	2/25/2017	Flora	Wood	Charcoal	charcoal
Nate Harrison	10050	9900	88	B	Sandy Loam	Lennox	2/4/2017	Glass	Glass	Fragment	glass fragments
Nate Harrison	10050	9900	88	B	Sandy Loam	Lennox	2/25/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10050	9900	88	B	Sandy Loam	Lennox	2/25/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10050	9900	88	B	Sandy Loam	Lennox	2/25/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10050	9900	88	B	Sandy Loam	Lennox	2/25/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10050	9900	88	B	Sandy Loam	Lennox	2/25/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10050	9900	88	B	Sandy Loam	Lennox	2/25/2017	Glass	glass	fragment	undecorated
Nate Harrison	10050	9900	88	B	Sandy Loam	Lennox	2/25/2017	Glass	glass	fragment	undecorated
Nate Harrison	10050	9900	88	B	Sandy Loam	Lennox	2/4/2017	Metal	Iron	bottom fragment	round can bottom
Nate Harrison	10050	9900	88	B	Sandy Loam	Doose, Lennox	2/11/2017	Metal	iron	flakes	unknown metal flakes
Nate Harrison	10050	9900	88	B	Sandy Loam	Lennox	2/25/2017	Metal	Iron	Fragments	metal fragments
Nate Harrison	10050	9900	88	B	Sandy Loam	Lennox	2/25/2017	Metal	iron	key	sardine key
Nate Harrison	10050	9900	88	B	Sandy Loam	Doose, Lennox	2/11/2017	Metal	Iron	Nail	wire cut nail
Nate Harrison	10050	9900	88	B	Sandy Loam	Lennox	2/25/2017	Metal	Iron	Nail	intact wire nails
Nate Harrison	10050	9900	88	B	Sandy Loam	Lennox	2/25/2017	Metal	Iron	Wire	metal wire fragment
Nate Harrison	10050	9900	88	B	Sandy Loam	Doose, Lennox	2/11/2017	Metal	iron	wires	wire fragments
Nate Harrison	10050	9900	88	B	Sandy Loam	Lennox	2/25/2017	Metal	Iron	Can	part of can
Nate Harrison	10050	9900	88	B	Sandy Loam	Lennox	2/25/2017	Metal	Iron	Fragment	metal square

APPENDIX B

Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
concave	no		clear						1	Raised lines on surface
iridescent patina	no		clear						5	concave, undecorated
"B" imprinted on end	Yes								1	fired cartridge
	No								1	Sardine key with metal wrapping
wire cut	No								8	wire cut nails
machine cut	no								3	machine cut nails
	No								5	wire fragments
	No								1	pants button
	No								5	metal fragments
oval, triangular outcropping	No								1	oval, triangular outcropping
	No								1	wire
	No								10	bone fragments
three white, 1 brownish	No								4	burned bone fragment
	No								2	unidentified bone fragments
burned	No								1	burned bone
	No								1	charcoal
	No		clear						1	clear glass fragments
	No		green						1	glass fragment
opaque	No		white						1	opaque glass fragment
white patina	No		aqua						2	glass fragments
iridescent patina	No		solarized amethyst						3	glass fragments
	No		amber						1	glass fragment
iridescent patina	No		clear						5	glass fragments
	no		aqua						1	fragment
	no		brown						1	fragment
round	No								1	bottom round can fragment
	No								1	metal fragments
flat pieces, 1 folded	No								36	metal fragments
	No								1	sardine key
	No								1	wire cut nail
long nails	No								2	intact wire nails
bent	No								1	metal wire fragment
	No								3	wire fragments
ring on bottom	No								1	can fragment
hole in middle	No								1	square metal fragment

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	10050	9900	88	B	Sandy Loam	Lennox	2/25/2017	Metal	Iron	Nail	machined nails
Nate Harrison	10050	9900	88	C	Mixed fill	Lennox	3/4/2017	Fauna	bone	fragment	Possible right side mandible
Nate Harrison	10050	9900	88	C	Mixed fill	Lennox	3/4/2017	Glass	glass	fragment	glass fragment
Nate Harrison	10050	9900	88	C	Mixed fill	Lennox	4/8/2017	Metal	Iron	bolt	bolt
Nate Harrison	10050	9900	88	C	Mixed fill	Lennox	4/8/2017	Metal	Iron	button	pants button piece
Nate Harrison	10050	9900	88	C	Mixed fill	Lennox	4/8/2017	Metal	Iron	Fragments	metal fragments
Nate Harrison	10050	9900	88	C	Mixed fill	Lennox	4/8/2017	Metal	Iron	nail	machine cut nail
Nate Harrison	10050	9900	88	C	Mixed fill	Lennox	4/8/2017	Metal	Iron	nail	wire cut nail
Nate Harrison	10050	9900	88	C	Mixed fill	Lennox	4/8/2017	Metal	Iron	wire	wire fragments
Nate Harrison	10050	9900	88	C	Sandy Loam	Lennox	3/4/2017	Ceramic	Ceramic	Fragments	whiteware fragment
Nate Harrison	10050	9900	88	C	Sandy Loam	Lennox	3/4/2017	Fauna	Bone	Fragment	bone fragments
Nate Harrison	10050	9900	88	C	Sandy Loam	Lennox	3/4/2017	Fauna	Bone	fragment	small mammal fragments
Nate Harrison	10050	9900	88	C	Sandy Loam	Lennox	3/4/2017	Fauna	Bone	fragment	burned bone fragments
Nate Harrison	10050	9900	88	C	Sandy Loam	Lennox	3/4/2017	Fauna	Bone	fragment	vertebrae fragment
Nate Harrison	10050	9900	88	C	Sandy Loam	Lennox	3/4/2017	Fauna	Bone	fragment	unknown animal fragments
Nate Harrison	10050	9900	88	C	Sandy Loam	Lennox	3/4/2017	Fauna	Bone	fragment	maxilla fragment
Nate Harrison	10050	9900	88	C	Sandy Loam	Lennox	3/4/2017	Fauna	Bone	fragment	butchered bone fragments
Nate Harrison	10050	9900	88	C	Sandy Loam	Lennox	3/4/2017	Fauna	Tooth	fragment	tooth fragment
Nate Harrison	10050	9900	88	C	Sandy Loam	Lennox	3/4/2017	Flora	Wood	Charcoal	charcoal
Nate Harrison	10050	9900	88	C	Sandy Loam	Lennox	3/11/2017	Flora	wood	Charcoal	charcoal
Nate Harrison	10050	9900	88	C	Sandy Loam	Lennox	3/4/2017	Glass	glass	cup fragments	bottom has star shaped motif, top has etched rim
Nate Harrison	10050	9900	88	C	Sandy Loam	Lennox	2/25/2017	Glass	Glass	Fragment	Base fragment
Nate Harrison	10050	9900	88	C	Sandy Loam	Lennox	3/4/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10050	9900	88	C	Sandy Loam	Lennox	2/25/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10050	9900	88	C	Sandy Loam	Lennox	2/25/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10050	9900	88	C	Sandy Loam	Lennox	2/25/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10050	9900	88	C	Sandy Loam	Lennox	2/25/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10050	9900	88	C	Sandy Loam	Lennox	2/25/2017	Glass	Glass	Fragments	large glass fragments
Nate Harrison	10050	9900	88	C	Sandy Loam	Lennox	3/4/2017	Glass	Glass	Jar	clear glass jar
Nate Harrison	10050	9900	88	C	Sandy Loam	Lennox	3/4/2017	Metal	alloy	casing	casing with "U" stamped on bottom
Nate Harrison	10050	9900	88	C	Sandy Loam	Lennox	3/4/2017	Metal	alloy	casing	casing with "WRA CO 32 S W" stamped on bottom
Nate Harrison	10050	9900	88	C	Sandy Loam	Lennox	3/4/2017	Metal	iron	can	tobacco can
Nate Harrison	10050	9900	88	C	Sandy Loam	Lennox	3/4/2017	Metal	iron	can	circular can
Nate Harrison	10050	9900	88	C	Sandy Loam	Lennox	3/4/2017	Metal	iron	can	circular can fragment
Nate Harrison	10050	9900	88	C	Sandy Loam	Lennox	3/4/2017	Metal	Iron	Can opener	partial can openers/ key
Nate Harrison	10050	9900	88	C	Sandy Loam	Lennox	3/4/2017	Metal	Iron	Fragment	can fragment
Nate Harrison	10050	9900	88	C	Sandy Loam	Lennox	3/4/2017	Metal	Iron	Fragments	Metal fragments

APPENDIX B

Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
short nails	No								1	intact machined nails
butchar marks	No								1	Possible right mandible, with butchar marks; possible deer mandible
has marks on one edge	No		Clear						1	glass fragment, has pressed markings
	No								1	bolt
	No								1	pants button piece
	No								15	metal fragments
machine cut	No								2	machine cut nails
wire cut	No								5	wire cut nails
	No								3	wire fragments
cracked finish	No		white						2	whiteware fragments
	No								2	bone fragments
	No								4	small mammal fragments
burned	No								4	burned bone fragments
	No								1	vertebrae fragment
	No								24	unknown animal fragments
	No								1	Maxilla fragment
butchered	No								10	butchered bone fragments
	No								1	tooth fragment
	No								1	charcoal
burned	No								31	charcoal
iridescent patina	No		clear						2	cup fragment
raised line decoration and rim on bottom	No		Clear						1	clear base fragment
iridescent finish	No		clear						1	clear glass fragment
iridescent patina	No		Brown						4	brown glass fragments
iridescent patina	No		Yellow						6	yellow glass fragments
base fragment and two smaller ones	No		Aqua						3	aqua glass fragments
iridescent and white patina	No		Clear						30	clear glass fragments
two rim fragments, iridescent patina	No		Clear						3	clear large glass fragments
iridescent finish	No		clear						1	clear glass jar
"U" stamped on bottom	yes								1	casing with "U" stamped on bottom
"WRA CO 32 S W" stamped on bottom	yes								1	casing with "WRA CO 32 S W" stamped on bottom
	no								1	tobacco can
	no								1	circular can
	no								1	circular can fragment
rusted	No								2	metal can openers/keys
rusted	No								1	can fragment
	No								28	metal fragments

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	10050	9900	88	C	Sandy Loam	Lennox	3/4/2017	Metal	iron	fragments	unknown metal fragments
Nate Harrison	10050	9900	88	C	Sandy Loam	Lennox	3/4/2017	Metal	Iron	Nails	wire/machined nails
Nate Harrison	10050	9900	88	C	Sandy Loam	Lennox	3/4/2017	Metal	Iron	Screw	metal screw
Nate Harrison	10050	9900	88	C	Sandy Loam	Lennox	3/4/2017	Metal	Iron	Staple	metal staple
Nate Harrison	10050	9900	88	C	Sandy Loam	Lennox	3/4/2017	Metal	Iron	Wire	wire fragments
Nate Harrison	10050	9900	88	C	Sandy Loam	Lennox	3/4/2017	Metal	alloy	casing	Casing with "WRA CO 32 WCF" stamped on bottom
Nate Harrison	10050	9900	88	C	Sandy Loam	Lennox	3/4/2017	Metal	Iron	Can	metal can
Nate Harrison	10050	9900	88	C	Sandy Loam	Lennox	2/25/2017	Stone	marble	whetstone	marble whetstone
Nate Harrison	10050	9900	88	D	Sandy Loam	Lennox	3/27/2017	Ceramic	white ware	fragment	whiteware fragment
Nate Harrison	10050	9900	88	D	Sandy Loam	Lennox	2/4/2017	Fauna	Bone	Fragment	unidentified bird long bone
Nate Harrison	10050	9900	88	D	Sandy Loam	Lennox	2/4/2017	Fauna	Bone	Fragment	unidentified mammal fragments
Nate Harrison	10050	9900	88	D	Sandy Loam	Lennox	3/11/2017	Fauna	Bone	fragment	rodent mandible fragment
Nate Harrison	10050	9900	88	D	Sandy Loam	Lennox	3/11/2017	Fauna	Bone	fragment	rodent bones
Nate Harrison	10050	9900	88	D	Sandy Loam	Lennox	3/27/2017	Fauna	Bone	Fragments	large bone fragments
Nate Harrison	10050	9900	88	D	Sandy Loam	Lennox	3/27/2017	Fauna	Bone	Fragments	small bone fragments
Nate Harrison	10050	9900	88	D	Sandy Loam	Lennox	3/27/2017	Fauna	Bone	Fragments	jaw bone fragments
Nate Harrison	10050	9900	88	D	Sandy Loam	Lennox	3/11/2017	Fauna	Bone	Long bone fragments	long bone fragments; butchery evident on one piece
Nate Harrison	10050	9900	88	D	Sandy Loam	Lennox	3/11/2017	Fauna	bone	unknown fragments	unknown fragments
Nate Harrison	10050	9900	88	D	Sandy Loam	Lennox	3/11/2017	Fauna	bone	vertebrae	vertebrae; cut marks present
Nate Harrison	10050	9900	88	D	Sandy Loam	Lennox	3/11/2017	Fauna	Shell	Button	Shell button
Nate Harrison	10050	9900	88	D	Sandy Loam	Lennox	3/11/2017	Flora	Wood	Charcoal	charcoal
Nate Harrison	10050	9900	88	D	Sandy Loam	Lennox	3/27/2017	Flora	Wood	Charcoal	charcoal
Nate Harrison	10050	9900	88	D	Sandy Loam	Lennox	3/27/2017	Glass	Glass	fragment	glass fragment
Nate Harrison	10050	9900	88	D	Sandy Loam	Lennox	3/27/2017	Glass	Glass	fragment	glass fragment
Nate Harrison	10050	9900	88	D	Sandy Loam	Lennox	3/11/2017	Glass	Glass	Fragments	concave, undecorated
Nate Harrison	10050	9900	88	D	Sandy Loam	Lennox	3/27/2017	Historic	Rubber	Fragment	vulcanized rubber fragment
Nate Harrison	10050	9900	88	D	Sandy Loam	Lennox	3/27/2017	leather	leather	fragment	leather fragment
Nate Harrison	10050	9900	88	D	Sandy Loam	Lennox	2/4/2017	Metal	Alloy	Bullet Casing	rifle casing
Nate Harrison	10050	9900	88	D	Sandy Loam	Lennox	3/27/2017	Metal	Alloy	Bullet Casing	bullet casing, fired
Nate Harrison	10050	9900	88	D	Sandy Loam	Lennox	3/27/2017	Metal	Alloy	Bullet Casing	bullet casing, fired
Nate Harrison	10050	9900	88	D	Sandy Loam	Lennox	3/27/2017	Metal	Alloy	Can	can base
Nate Harrison	10050	9900	88	D	Sandy Loam	Lennox	3/27/2017	Metal	Alloy	cap	bottle cap
Nate Harrison	10050	9900	88	D	Sandy Loam	Lennox	3/27/2017	Metal	Alloy	fragment	fragment
Nate Harrison	10050	9900	88	D	Sandy Loam	Lennox	3/27/2017	Metal	Alloy	iron barbs	metal barb
Nate Harrison	10050	9900	88	D	Sandy Loam	Lennox	3/27/2017	Metal	Alloy	Wire	metal wire fragment

APPENDIX B

Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
	no								6	metal fragments
rusted	No								18	wire/machined nails
rusted	No								1	metal screw
rusted	No								1	metal staple
rusted	No								7	wire fragments
"WRA CO 32 WCF" stamped on bottom	yes								2	Casing with "WRA CO 32 WCF" stamped on bottom
rusted	No								1	metal can
	No		Black						1	Whetstone
burned	No								1	burned, whiteware fragment
long bone fragment	No								1	unidentified bird long bone fragment
	No								2	Unidentified mammal bone fragment
rodent mandible fragments	No								1	Rodent mandible fragment
distal end of long bone and complete foot bone	no								2	Rodent bones; distal end of long bone and foot bone.
	No								15	large bone fragments
	No								41	small bone fragments
	No								3	jaw bone fragments
long bone fragments, butchery present on one piece	No								3	long bone fragments; butchery evident on one piece
	no								5	Unknown bone fragments
vertebrae; cut marks present	No								1	Vertebrae; cut marks present
large	No		white						1	shell button
burned	No		Black						3	Charcoal
	No								2	charcoal
clear, patina present	No								9	clear glass fragments
green glass fragment	No								1	Green Glass fragment
iridescent patina	No		clear						4	concave, undecorated
	No								1	vulcanized rubber fragments
dark brown	No								1	piece of leather
fired	Yes								1	Fired W.R.A 40-65 W.C.F. Cartridge
letter H on bottom	Yes								3	Bullet casing, fired, different sizes
"W.R. A. CO. 38 S" on bottom	Yes								1	bullet casing fired
Rusted metal , circular	No								1	rusted circular can base
soda bottle cap, rusted	No								1	rusted, metal bottle cap
rusted fragments	No								39	rusted metal fragments
star shaped, rusted barb	No								2	rusted, star-shaped, iron barbs
rusted metal wires	No								2	rusted metal wires

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	10050	9900	88	D	Sandy Loam	Lennox	3/27/2017	Metal	Alloy	Can	can base
Nate Harrison	10050	9900	88	D	Sandy Loam	Lennox	2/4/2017	Metal	iron	buckle	buckle
Nate Harrison	10050	9900	88	D	Sandy Loam	Lennox	3/11/2017	Metal	Iron	Clothes item	Some sort of clothes item
Nate Harrison	10050	9900	88	D	Sandy Loam	Lennox	2/4/2017	Metal	Iron	fragment	fragment
Nate Harrison	10050	9900	88	D	Sandy Loam	Lennox	3/11/2017	Metal	Iron	machine cut nail	machine cut nail
Nate Harrison	10050	9900	88	D	Sandy Loam	Lennox	2/4/2017	Metal	Iron	nail	nail
Nate Harrison	10050	9900	88	D	Sandy Loam	Lennox	2/4/2017	Metal	Iron	nail	nail
Nate Harrison	10050	9900	88	D	Sandy Loam	Lennox	3/27/2017	Metal	Iron	nail	machine cut nail
Nate Harrison	10050	9900	88	D	Sandy Loam	Lennox	3/11/2017	Metal	Iron	Sardine Key	Sardine key
Nate Harrison	10050	9900	88	D	Sandy Loam	Lennox	3/27/2017	Metal	Iron	sardine key	sardine key with metal wrapping
Nate Harrison	10050	9900	88	D	Sandy Loam	Lennox	2/4/2017	Metal	Iron	wire	Fragment
Nate Harrison	10050	9900	88	D	Sandy Loam	Lennox	3/11/2017	Metal	Iron	wire cut nail	wire cut nail
Nate Harrison	10050	9900	88	D	Sandy Loam	Lennox	3/11/2017	Metal	Iron	fragment	fragments
Nate Harrison	10050	9900	88	D	Sandy Loam	Lennox	3/11/2017	other	Plastic	Button	Plastic button
Nate Harrison	10050	9900	88	D	Sandy Loam	Lennox	3/27/2017	Stone	stone	fragment	chipped stone
Nate Harrison	10050	9900	88	E	Mixed Fill	Lennox	3/28/2017	Fauna	Bone	fragments	burned bone fragments
Nate Harrison	10050	9900	88	E	Mixed Fill	Lennox	3/28/2017	Fauna	Bone	fragments	unknown mammal fragments
Nate Harrison	10050	9900	88	E	Mixed Fill	Lennox	3/28/2017	Fauna	Bone	Rodent bones	rodent bones
Nate Harrison	10050	9900	88	E	Mixed Fill	Lennox	3/28/2017	Fauna	bone	unknown bone fragments	Unknown bone fragments
Nate Harrison	10050	9900	88	E	Mixed Fill	Lennox	3/28/2017	Fauna	Tooth	tooth fragment	tooth fragment
Nate Harrison	10050	9900	88	E	Mixed Fill	Lennox	3/28/2017	Glass	Glass	fragments	concave, undecorated
Nate Harrison	10050	9900	88	E	Mixed Fill	Lennox	3/28/2017	Glass	Glass	fragments	concave, undecorated
Nate Harrison	10050	9900	88	E	Mixed Fill	Lennox	3/28/2017	Glass	Glass	fragments	concave, undecorated
Nate Harrison	10050	9900	88	E	Mixed Fill	Lennox	3/28/2017	Metal	Alloy	Bullet Casing	fired casing
Nate Harrison	10050	9900	88	E	Mixed Fill	Lennox	3/28/2017	Metal	Alloy	gromet	metal gromet
Nate Harrison	10050	9900	88	E	Mixed Fill	Lennox	3/28/2017	Metal	Iron	fragment	metal fragment
Nate Harrison	10050	9900	88	E	Mixed Fill	Lennox	3/28/2017	Metal	iron	fragments	wire fragments
Nate Harrison	10050	9900	88	E	Mixed Fill	Lennox	3/28/2017	Metal	Iron	nail	wire cut nails
Nate Harrison	10050	9900	88	E	Mixed Fill	Lennox	3/28/2017	Metal	Iron	nail	machine cut nail
Nate Harrison	10050	9900	88	E	Mixed Fill	Lennox	3/28/2017	Metal	Iron	Sardine Key	sardine key
Nate Harrison	10050	9900	88	E	Mixed Fill	Lennox	3/28/2017	Metal	Iron	Spur star	spur star
Nate Harrison	10050	9900	88	E	Sandy Loam	Lennox, Mallios	3/28/2017	Metal	Iron	Can	rolled can lid
Nate Harrison	10050	9900	88	E	Sandy Loam	Lennox, Mallios	3/28/2017	Metal	Iron	Can	sardine cans
Nate Harrison	10050	9900	88	E	Sandy Loam	Lennox, Mallios	3/28/2017	Metal	Iron	Fragments	metal fragments
Nate Harrison	10050	9900	88	E	Sandy Loam	Lennox, Mallios	3/28/2017	Metal	Iron	sardine key	sardine key with rolled lid

APPENDIX B

Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
rusted metal, rectangular	No								1	rusted, rectangular can base
complete buckle	No								1	complete iron buckle
Oval loop with circular outcropping with hole	No								1	Clothes item - rectangular/oval loop with circular outcropping with hole.
	No								4	metal fragment
machine cut	No								1	machine cut nail
wire cut	no								6	wire cut nails
machine cut	No								2	machine cut nails
metal tube	No								11	Rusted machine cut nails
	No								1	Sardine key
rusted	No								1	rusted sardine key
	No								1	wire fragment
wire cut	No								6	wire cut nails
	no								2	metal fragments
small	No		white						1	small plastic button
doesn't appear modified	No								1	chipped stone, doesn't appear modified
burned	No								2	burned fragments
	No								16	bone fragments
	No								16	rodent bones
	no								8	Unknown bone fragments
	no								1	tooth fragment
iridescent patina	No		amber						1	concave, undecorated
iridescent patina	no		clear						1	concave, undecorated
iridescent patina	No		yellow						1	Concave, undecorated
"H" stamped on end	Yes								1	Bullet Casing
	No								1	metal gromet
	No								1	metal fragments
wire fragments	No								4	wire fragments
wire cut	No								3	wire cut nails
machine cut	No								1	machine cut nail
sardine keys	No								2	sardine keys
spur star	No								1	spur star
rusted	No								1	rolled can lid
rusted	No								2	cans
rusted	No								2	metal fragments
rusted	No								1	sardine key with rolled lid

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	10050	9900	88	F	Mixed Fill	Mallios, Lennox	3/29/2017	Flora	wood	Charcoal	charcoal
Nate Harrison	10050	9900	88	F	Mixed Fill	Mallios, Lennox	3/29/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10050	9900	88	F	Mixed Fill	Mallios, Lennox	3/29/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10050	9900	88	F	Mixed Fill	Mallios, Lennox	3/29/2017	Metal	Iron	fragments	metal fragments
Nate Harrison	10050	9900	88	F	Mixed Fill	Mallios, Lennox	3/29/2017	Metal	iron	nails	wire cut nails
Nate Harrison	10050	9900	88	G	Mixed Fill	Mallios, Lennox	3/30/2017	Fauna	bone	burned fragment	burned fragment
Nate Harrison	10050	9900	88	G	Mixed Fill	Mallios, Lennox	3/30/2017	fauna	bone	fragments	Unknown bone fragments
Nate Harrison	10050	9900	88	G	Mixed Fill	Mallios, Lennox	3/30/2017	fauna	bone	maxilla fragment	maxilla fragment
Nate Harrison	10050	9900	88	G	Mixed Fill	Mallios, Lennox	3/30/2017	fauna	Bone	rib fragment	rib fragment
Nate Harrison	10050	9900	88	G	Mixed Fill	Mallios, Lennox	3/30/2017	fauna	tooth	teeth fragments	teeth fragments
Nate Harrison	10050	9900	88	G	Mixed Fill	Mallios, Lennox	3/30/2017	Flora	wood	Charcoal	charcoal
Nate Harrison	10050	9900	88	G	Mixed Fill	Mallios, Lennox	3/30/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10050	9900	88	G	Mixed Fill	Mallios, Lennox	3/30/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10050	9900	88	G	Mixed Fill	Mallios, Lennox	3/30/2017	metal	wire	wire fragment	wire fragment
Nate Harrison	10060	9890	89	A	Mixed Fill	Booth, Davis	3/11/2017	Ceramic	White-ware	Fragment	whiteware fragments
Nate Harrison	10060	9890	89	A	Mixed Fill	Booth, Davis	3/11/2017	Ceramic	Yellow-ware	Rim fragment	yellowware rim fragment
Nate Harrison	10060	9890	89	A	Mixed Fill	Booth, Davis	3/11/2017	Fauna	Bone	Fragment	small mammal sacrum
Nate Harrison	10060	9890	89	A	Mixed Fill	Booth, Davis	3/11/2017	Fauna	Bone	Fragment	small bone fragments
Nate Harrison	10060	9890	89	A	Mixed Fill	Booth, Davis	3/11/2017	Fauna	Bone	Fragment	large bone fragments
Nate Harrison	10060	9890	89	A	Mixed Fill	Booth, Davis	3/11/2017	Fauna	Bone	Fragment	small bone fragments
Nate Harrison	10060	9890	89	A	Mixed Fill	Booth, Davis	3/11/2017	Fauna	Bone	Fragment possible sus fragmented tooth	fragmented possible tooth
Nate Harrison	10060	9890	89	A	Mixed Fill	Booth, Davis	3/11/2017	Fauna	Bone	fragmented rib bone	rib bone
Nate Harrison	10060	9890	89	A	Mixed Fill	Booth, Davis	3/11/2017	Fauna	Bone	Sus mandible	fragmented mandible with teeth butchered
Nate Harrison	10060	9890	89	A	Mixed Fill	Booth, Davis	3/11/2017	Fauna	Bone	sus mandible fragments	fragments from mandible
Nate Harrison	10060	9890	89	A	Mixed Fill	Booth, Davis	3/11/2017	Fauna	Bone	unidentified bone fragments	bone fragments
Nate Harrison	10060	9890	89	A	Mixed Fill	Booth, Davis	3/11/2017	Glass	Glass	Fragment	glass fragments
Nate Harrison	10060	9890	89	A	Mixed Fill	Booth, Davis	3/11/2017	Glass	Glass	Fragment	glass fragments
Nate Harrison	10060	9890	89	A	Mixed Fill	Booth, Davis	3/11/2017	Glass	Glass	Fragment	glass fragments

APPENDIX B

	Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
	burned	No								17	charcoal
	iridescent patina	No		solarized amethyst						1	amethyst glass fragment
	possible rim fragment	No		clear						4	clear glass fragments
		No								5	metal fragments
	wire cut	No								4	wire cut nails
	burned	no								1	burned bone fragment
		no								3	Unknown bone fragments
		no								1	Maxilla fragment
		no								1	rib fragment
		no								3	teeth fragments
	burned	no								5	charcoal
	iridescent patina	No		clear						1	clear glass fragment
	iridescent patina	No		amber						1	amber glass fragment
		No								1	wire fragment
	cracked finish	No		white						2	whitewre fragments
	cracked finish	No		yellow/white						1	yelloware rim fragment
		No								1	small mammal sacrum
		No								6	small bone fragments
		No								7	large bone fragments
	burned	No								4	burned bone fragment
		No								1	fragmented possible tooth
		No								1	rib bone fragment
	butchered	No								1	Sus mandible with teeth
		No								11	
		No								3	unidentified bone fragment
	iridescent patina	No		amber						3	glass fragments
	iridescent patina	No		solarized amethyst						5	glass fragments
	iridescent patina	No		aqua						6	glass fragments

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	10060	9890	89	A	Mixed Fill	Booth, Davis	3/11/2017	Glass	Glass	Fragment	glass fragments
Nate Harrison	10060	9890	89	A	Mixed Fill	Booth, Davis	3/11/2017	Glass	Glass	Fragment	glass fragments: base, rim, striated design
Nate Harrison	10060	9890	89	A	Mixed Fill	Booth, Davis	3/11/2017	Glass	Glass	Rim fragment	glass rim fragment
Nate Harrison	10060	9890	89	A	Mixed Fill	Booth, Davis	3/11/2017	Metal	Alloy	Bullet	small casing w/ "H" and lead still inside
Nate Harrison	10060	9890	89	A	Mixed Fill	Booth, Davis	3/11/2017	Metal	Alloy	Casing	small casing w/ "H" and mark from firing pin
Nate Harrison	10060	9890	89	A	Mixed Fill	Booth, Davis	3/11/2017	Metal	Brass	Tack	possibly leather tack
Nate Harrison	10060	9890	89	A	Mixed Fill	Booth, Davis	3/11/2017	Metal	Iron	Buckle	small buckle, complete
Nate Harrison	10060	9890	89	A	Mixed Fill	Booth, Davis	3/11/2017	Metal	Iron	Fragment	metal fragments
Nate Harrison	10060	9890	89	A	Mixed Fill	Booth, Davis	3/11/2017	metal	iron	fragments	large metal fragments
Nate Harrison	10060	9890	89	A	Mixed Fill	Booth, Davis	3/11/2017	Metal	Iron	Nails	Wire nails
Nate Harrison	10060	9890	89	A	Mixed Fill	Booth, Davis	3/11/2017	Metal	Iron	Nails	Machined nails
Nate Harrison	10060	9890	89	A	Mixed Fill	Booth, Davis	3/11/2017	Metal	Iron	Staple	Fence staple
Nate Harrison	10060	9890	89	A	Mixed Fill	Booth, Davis	3/11/2017	Metal	Iron	Wire	wire fragments
Nate Harrison	10060	9890	89	A	Mixed Fill	Booth, Davis	3/11/2017	Metal	Iron	Wire Fragment	5 bent wires, 1 twisted into a loop
Nate Harrison	10060	9890	89	A	Mixed Fill	Booth, Davis	3/11/2017	Metal	Alloy	Rivet	Rivet with clothing remnant
Nate Harrison	10060	9890	89	A	Mixed Fill	Booth, Davis	3/11/2017	Metal	Iron	Key	sardine key fragment
Nate Harrison	10060	9890	89	A	Mixed Fill	Booth, Davis	3/11/2017	Other	rubber	pipestem	mouthpiece
Nate Harrison	10060	9890	89	B	Mixed Fill	Booth, Davis	3/18/2017	Ceramic	Flow Blue	Fragment	flow blue fragment
Nate Harrison	10060	9890	89	B	Mixed Fill	Booth, Davis	3/18/2017	Ceramic	White-ware	Fragment	whiteware fragment
Nate Harrison	10060	9890	89	B	Mixed Fill	Booth, Davis	3/18/2017	Fauna	Bone	unidentified bone fragments	unidentified bone fragments
Nate Harrison	10060	9890	89	B	Mixed Fill	Booth, Davis	3/18/2017	Fauna	Bone	unidentified burned bone fragment	unidentified burned bone
Nate Harrison	10060	9890	89	B	Mixed Fill	Booth, Davis	3/18/2017	Flora	Wood	charcoal	charcoal
Nate Harrison	10060	9890	89	B	Mixed Fill	Booth, Davis	3/18/2017	Metal	iron	buckle	buckle
Nate Harrison	10060	9890	89	B	Mixed Fill	Booth, Davis	3/18/2017	Metal	Iron	fragments	metal fragments
Nate Harrison	10060	9890	89	B	Mixed Fill	Booth, Davis	3/18/2017	Metal	iron	iron metal staple	metal staple
Nate Harrison	10060	9890	89	B	Mixed Fill	Booth, Davis	3/18/2017	Metal	iron	nail	machine cut nail
Nate Harrison	10060	9890	89	B	Mixed Fill	Booth, Davis	3/18/2017	Metal	iron	nail	wire cut nail
Nate Harrison	10060	9890	89	B	Mixed Fill	Booth, Davis	3/18/2017	Metal	iron	nail	modern nail
Nate Harrison	10060	9890	89	B	Mixed Fill	Booth, Davis	3/18/2017	Metal	iron	screw	screw
Nate Harrison	10060	9890	89	B	Mixed Fill	Booth, Davis	3/18/2017	Metal	iron	Unknown	unknown metal oval
Nate Harrison	10060	9890	89	B	Mixed Fill	Booth, Davis	3/18/2017	Metal	iron	wire fragments	wire fragments
Nate Harrison	10060	9890	89	B	Sandy Loam	Booth, Davis	3/18/2017	Fauna	Bone	Fragments	large bone fragments
Nate Harrison	10060	9890	89	B	Sandy Loam	Booth, Davis	3/18/2017	Fauna	Bone	Fragments	small bone fragments

APPENDIX B

Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
iridescent patina	No		light amber						2	glass fragments
iridescent patina	No		clear						20	glass fragments
	No		amber						1	glass rim fragment
	Yes								1	bullet
slightly flattened	Yes								1	casing
top slightly bent	No								1	tack
rusted	No								1	small buckle
flat, rusted	No								3	metal fragments
	No								3	large metal fragments
rusted, 2 bent	No								14	wire nails
rusted, bent	No								8	machined nails
bent, rusted	No								1	staple
one piece split, rusted	No								3	wire fragments
rusted	No								6	wire fragments
top marked "B.N.&.L.L.A"	Yes								1	metal rivet
one has piece of lid attached	No								3	sardine key fragments
	No								1	pipestem mouthpiece
	No		white/blue						1	flow blue fragment
	No		white						1	whiteware fragment
	No								2	unidentified bone fragments
burned	No		Dark grey						1	unidentified burned bone
burned	No		black						5	charcoal
	no								1	buckle
	No								10	wire fragments
	No								2	metal staple
machine cut	No								4	machine cut nail
wire cut	No								8	wire cut nail
modern nail	No								3	modern nail
screw	No								1	screw
has tabs	No								1	unknown metal oval with two tabs
wire fragments	No								6	wire fragments
	No								3	large bone fragments
	No								5	small bone fragments

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	10060	9890	89	B	Sandy Loam	Booth, Davis	3/18/2017	Fauna	Bone	Fragments	burned bone fragments
Nate Harrison	10060	9890	89	B	Sandy Loam	Booth, Davis	3/18/2017	Fauna	Bone	Rib Fragment	rib fragment
Nate Harrison	10060	9890	89	B	Sandy Loam	Booth, Davis	3/18/2017	Fauna	shell	button	shell button
Nate Harrison	10060	9890	89	B	Sandy Loam	Booth, Davis	3/18/2017	Glass	Glass	Bottle Neck Fragment	bottle neck fragment
Nate Harrison	10060	9890	89	B	Sandy Loam	Booth, Davis	3/18/2017	Glass	Glass	Fragment	possible base fragment
Nate Harrison	10060	9890	89	B	Sandy Loam	Booth, Davis	3/18/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10060	9890	89	B	Sandy Loam	Booth, Davis	3/18/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10060	9890	89	B	Sandy Loam	Booth, Davis	3/18/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10060	9890	89	B	Sandy Loam	Booth, Davis	3/18/2017	Metal	alloy	rivet	rivet for clothing
Nate Harrison	10060	9890	89	B	Sandy Loam	Booth, Davis	3/18/2017	metal	alloy	rivet	rivet for clothing
Nate Harrison	10060	9890	89	C	Sandy Loam	Hails, Hare	3/27/2017	Ceramic	White-ware	Fragment	whiteware fragment
Nate Harrison	10060	9890	89	C	Sandy Loam	Hails, Hare	3/27/2017	Fauna	bone	burned bone fragments	burned bone fragments
Nate Harrison	10060	9890	89	C	Sandy Loam	Hails, Hare	3/27/2017	Fauna	Bone	burned bone fragments	burned cranial fragments
Nate Harrison	10060	9890	89	C	Sandy Loam	Hails, Hare	3/27/2017	Fauna	Bone	burned bone fragments	burned bone fragments
Nate Harrison	10060	9890	89	C	Sandy Loam	Hails, Hare	3/27/2017	Fauna	Bone	butchered bone fragment	butchered bone fragment
Nate Harrison	10060	9890	89	C	Sandy Loam	Hails, Hare	3/27/2017	Fauna	Bone	cranial fragment	cranial fragments
Nate Harrison	10060	9890	89	C	Sandy Loam	Hails, Hare	3/27/2017	Fauna	Bone	epiphysis	epiphysis fragment
Nate Harrison	10060	9890	89	C	Sandy Loam	Hails, Hare	3/27/2017	Fauna	Bone	fragments	butchered bone fragments
Nate Harrison	10060	9890	89	C	Sandy Loam	Hails, Hare	3/27/2017	Fauna	Bone	fragments	unknown animal fragments
Nate Harrison	10060	9890	89	C	Sandy Loam	Hails, Hare	3/27/2017	Fauna	Bone	fragments	unknown animal fragments
Nate Harrison	10060	9890	89	C	Sandy Loam	Hails, Hare	3/27/2017	Fauna	Bone	mandible fragments	mandible fragments
Nate Harrison	10060	9890	89	C	Sandy Loam	Hails, Hare	3/27/2017	Fauna	Bone	phalange	bos phalange
Nate Harrison	10060	9890	89	C	Sandy Loam	Hails, Hare	3/27/2017	Fauna	Bone	rodent bones	rodent bones
Nate Harrison	10060	9890	89	C	Sandy Loam	Hails, Hare	3/27/2017	Fauna	Bone	small mammal bones	small mammal bones
Nate Harrison	10060	9890	89	C	Sandy Loam	Hails, Hare	3/27/2017	Fauna	Bone	vertebrae	vertebrae fragment
Nate Harrison	10060	9890	89	C	Sandy Loam	Hails, Hare	3/27/2017	Fauna	tooth	teeth fragments	teeth fragments
Nate Harrison	10060	9890	89	C	Sandy Loam	Hails, Hare	3/27/2017	Fauna	tooth	teeth fragments	teeth fragments
Nate Harrison	10060	9890	89	C	Sandy Loam	Hails, Hare	3/27/2017	Glass	Glass	Base Fragment	glass base fragment
Nate Harrison	10060	9890	89	C	Sandy Loam	Hails, Hare	3/27/2017	Glass	Glass	Bottle Neck Fragment	no shoulder, lip below rim
Nate Harrison	10060	9890	89	C	Sandy Loam	Hails, Hare	3/27/2017	Glass	Glass	Fragment	large glass fragment
Nate Harrison	10060	9890	89	C	Sandy Loam	Hails, Hare	3/27/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10060	9890	89	C	Sandy Loam	Hails, Hare	3/27/2017	Glass	Glass	Fragments	glass fragments

APPENDIX B

Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
	No								5	burned bone fragments
	No								1	rib fragment
	No								1	shell button
iridescent patina	No		amber						1	amber bottle neck fragment
iridescent patina	No		solarized amethyst						1	amethyst possible base fragment
scratched	No		clear						5	clear glass fragments
	No		amber						2	amber glass fragments
	No		aqua						2	aqua glass fragments
rivet for clothing; has fabric present	No								1	rivet for clothing
rivet for clothing; has "C C CO" stamped	Yes								1	rivet for clothing
	No		white						2	whiteware fragments
burned	No								2	burned bone fragments
burned	No								1	burned cranial fragments
burned	No								6	burned bone fragments
butchered	No								1	butchered bone fragment
	No								4	cranial fragment
	No								1	epiphysis fragment
butchered	No								3	butchered bone fragments
	No								17	unknown animal fragments
	No								43	unknown animal fragments
	No								2	mandible fragments
	No								1	bos phalange
	No								4	rodent bones
	No								1	small mammal bone
	No								2	vertebrae fragments
	No								2	teeth fragments
	No								6	teeth fragments
glass appears swirled, iridescent patina, short rim around bottom	No		yellow						1	yellow glass base fragment
white patina	No		aqua						1	aqua bottle neck fragment
iridescent patina	No		clear						1	large clear glass fragment
	No		amber						2	amber glass fragments
	No		aqua						6	aqua glass fragments

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	10060	9890	89	C	Sandy Loam	Hails, Hare	3/27/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10060	9890	89	C	Sandy Loam	Hails, Hare	3/27/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10060	9890	89	C	Sandy Loam	Hails, Hare	3/27/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10060	9890	89	C	Sandy Loam	Hails, Hare	3/27/2017	Glass	Glass	Stopper	possible bottle stopper
Nate Harrison	10060	9890	89	C	Sandy Loam	Hails, Hare	3/27/2017	Glass	Glass	Rim Fragment	glass rim fragment
Nate Harrison	10060	9890	89	C	Sandy Loam	Hails, Hare	3/27/2017	Metal	alloy	ferrule	metal ferrule
Nate Harrison	10060	9890	89	C	Sandy Loam	Hails, Hare	3/27/2017	Metal	alloy	rivet	small rivet
Nate Harrison	10060	9890	89	C	Sandy Loam	Hails, Hare	3/27/2017	Metal	alloy	rivet	metal rivet
Nate Harrison	10060	9890	89	C	Sandy Loam	Hails, Hare	3/27/2017	Metal	alloy	Rivet	metal rivet with "S&C Co SF" stamped on
Nate Harrison	10060	9890	89	C	Sandy Loam	Hare, Hails	3/28/2017	Metal	alloy	rivet	small rivet
Nate Harrison	10060	9890	89	C	Sandy Loam	Hails, Hare	3/27/2017	Metal	iron	button	metal button
Nate Harrison	10060	9890	89	C	Sandy Loam	Hails, Hare	3/27/2017	Metal	iron	can	large metal lid
Nate Harrison	10060	9890	89	C	Sandy Loam	Hails, Hare	3/27/2017	Metal	iron	can	rectangular can
Nate Harrison	10060	9890	89	C	Sandy Loam	Hare, Hails	3/28/2017	Metal	iron	can	thin rectangular can
Nate Harrison	10060	9890	89	C	Sandy Loam	Hails, Hare	3/27/2017	Metal	iron	fragment	metal fragments
Nate Harrison	10060	9890	89	C	Sandy Loam	Hails, Hare	3/27/2017	Metal	iron	handle	metal bucket handle
Nate Harrison	10060	9890	89	C	Sandy Loam	Hare, Hails	3/28/2017	Metal	iron	key	sardine key
Nate Harrison	10060	9890	89	C	Sandy Loam	Hare, Hails	3/28/2017	Metal	iron	metal disk with clip	metal disk with clip
Nate Harrison	10060	9890	89	C	Sandy Loam	Hails, Hare	3/27/2017	Metal	Iron	metal fragments	metal fragments
Nate Harrison	10060	9890	89	C	Sandy Loam	Hails, Hare	3/27/2017	Metal	Iron	metal hoop	metal hoop - possible can opening
Nate Harrison	10060	9890	89	C	Sandy Loam	Hails, Hare	3/27/2017	Metal	iron	nail	large wire cut nails
Nate Harrison	10060	9890	89	C	Sandy Loam	Hails, Hare	3/27/2017	Metal	iron	nail	machine cut nails
Nate Harrison	10060	9890	89	C	Sandy Loam	Hails, Hare	3/27/2017	Metal	iron	nail	wire cut nails
Nate Harrison	10060	9890	89	C	Sandy Loam	Hare, Hails	3/28/2017	Metal	Iron	rectangular metal plate with rectangular cut outs and a protrusion	rectangular metal plate with rectangular cut outs and protrusion
Nate Harrison	10060	9890	89	C	Sandy Loam	Hails, Hare	3/27/2017	Metal	iron	sardine can key	sardine key
Nate Harrison	10060	9890	89	C	Sandy Loam	Hails, Hare	3/27/2017	Metal	iron	spike	rectangular spike
Nate Harrison	10060	9890	89	C	Sandy Loam	Hails, Hare	3/27/2017	Metal	iron	staples	metal staples
Nate Harrison	10060	9890	89	C	Sandy Loam	Hails, Hare	3/27/2017	Metal	iron	wire	wire
Nate Harrison	10060	9890	89	C	Sandy Loam	Hails, Hare	3/27/2017	Metal	Iron	wire fragment	metal wire fragment
Nate Harrison	10060	9890	89	C	Sandy Loam	Hails, Hare	3/27/2017	Metal	iron	wire fragments	wire fragments
Nate Harrison	10060	9890	89	C	Sandy Loam	Hails, Hare	3/27/2017	Stone	ground stone	matate fragment	groundstone matate fragment - broken in half
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/28/2017	Ceramic	Ceramic	Fragments	whiteware fragment
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/27/2017	Ceramic	Ceramic	Mug Fragment	broken in half
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Ceramic	Ceramic	sherd	ceramic sherd
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Ceramic	White-ware	Fragment	rim fragment

APPENDIX B

Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
iridescent patina	No		solarized amethyst						6	amethyst glass fragments
white and iridescent patina	No		clear						33	clear glass fragments
iridescent patina, one has a "C E"	Yes		aqua						2	aqua glass fragments, one has "C E"
white and iridescent patina	No		amber						1	amber glass stopper
most of bottle rim, part of neck attached	No		aqua						1	aqua glass rim fragment
	No								1	metal ferrule
	no								1	small rivet
	no								1	metal rivet
"S&C Co SF" stamped	Yes								1	metal rivet with "S&C Co SF" stamped
	no								1	small rivet
	no								1	metal button
	No								1	large metal lid
	No								1	rectangular can
	No								1	thin rectangular can
	No								3	metal fragments
	no								1	metal bucket handle
	No								1	sardine key
	no								1	Metal disk with clip
	No								33	metal fragments
	No								1	metal hoop - possible can opening
	No								2	large wire cut nails
machine cut	No								15	machine cut nails
wire cut	No								33	wire cut nails
	No								1	rectangular metal plate with rectangular cut outs and a protrusion
	No								1	sardine key
	No								1	metal rectangular spike
	No								3	metal staples
	No								1	metal wire
	No								1	metal wire fragment
	No								15	wire fragments
broken in half	No								1	groundstone metate fragment - broken in half
cracked finish	No								2	whiteware fragments
	No		white						1	mug fragment
bottom fragment	No		reddish brown						1	ceramic sherd
possible pouring vessel	No		white						1	whiteware rim fragment

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Ceramic	White-ware	Fragments	whiteware fragments
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/28/2017	Fauna	Bone	axis	canine axis
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/28/2017	Fauna	Bone	cranial fragment	cranial fragment
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Fauna	Bone	cranial fragment	cranial fragment
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Fauna	Bone	cranial fragment	cranial fragments
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/28/2017	Fauna	Bone	epiphesis	distal epiphesis
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Fauna	Bone	Fibula	fibula
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/28/2017	Fauna	Bone	Fragment	cranial fragment
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/28/2017	Fauna	Bone	Fragment	bird bone fragment
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/28/2017	Fauna	Bone	Fragment	small rodent bone
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Fauna	bone	fragment	unidentified animal fragment
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Fauna	bone	fragment	burned
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Fauna	bone	Fragment	unid mm bone
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Fauna	Bone	fragment	unknown bone fragment
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Fauna	Bone	fragment	unknown bone fragments
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Fauna	Bone	fragment	unknown bone fragment
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/27/2017	Fauna	Bone	fragments	bone fragments
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/28/2017	Fauna	Bone	Fragments	small bone fragments
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/28/2017	Fauna	Bone	Fragments	large bone fragments
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/28/2017	Fauna	Bone	Fragments	burned bone fragments
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/28/2017	Fauna	Bone	Fragments	unidentified bone fragments
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/28/2017	Fauna	Bone	Fragments	vertebrae fragment
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/28/2017	Fauna	Bone	fragments	unidentified small mammal fragments
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/28/2017	Fauna	Bone	fragments	unidentified butchered bone fragments
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Fauna	bone	fragments	unidentified bone fragments
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Fauna	bone	fragments	burned bone fragments
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Fauna	Bone	fragments	unknown animal fragments
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Fauna	Bone	fragments	unknown animal fragments
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Fauna	Bone	fragments	unknown animal fragments
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/28/2017	Fauna	Bone	humerus	small mammal humerus
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/28/2017	Fauna	Bone	humerus	sus humerus
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Fauna	Bone	humerus	distal end of humerus
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Fauna	bone	long bone fragment	butchered long bone fragment

APPENDIX B

Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
	No		white						4	whiteware fragments
	no								1	canine axis
	No								3	unidentified cranial fragment
	No								1	cranial fragment
	No								2	cranial fragment
	No								1	distal epiphesis
	No								1	fibula
unknown animal	No								1	cranial fragment
	No								1	bird bone fragment
	No								1	small rodent bone
butchered	No								1	unidentified bone fragments
burned bone fragment unid mm	No		white						1	burned Unid MM bone fragment
Unid mm bone fragment	No								3	Unid MM bone fragment
	No								1	Unknown bone fragments
	No								2	Unknown bone fragments
	No								1	Unknown bone fragments
	No								2	bone fragments
	No								52	small bone fragments
	No								17	large bone fragments
	No								12	burned bone fragments
	No								13	unidentified bone fragments
	No								2	vertebrae fragment
	No								2	unidentified small mammal fragments
butchered	no								3	butchered bone fragments
unidentified mammal	No								42	unidentified bone fragments
burned	No								9	burned bone fragments
	No								14	unknown animal fragments
	No								3	unknown animal fragments
	No								4	unknown animal fragments
	No								1	small mammal humerus
unfused	no								1	sus humerus
	No								1	distal end of humerus
butchered	no								1	butchered long bone fragment

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Fauna	bone	long bone fragment	long bone fragment
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Fauna	Bone	long bone fragment	long bone fragment
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/28/2017	Fauna	Bone	Mandible Fragment	sus mandible fragment
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/28/2017	Fauna	Bone	mandible fragment	mandible fragment
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/28/2017	Fauna	Bone	Pelvis Fragment	small mammal pelvis fragment
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/28/2017	Fauna	Bone	Pelvis Fragment	ovis pelvis fragment
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Fauna	Bone	Pelvis Fragment	pelvis fragment
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/28/2017	Fauna	bone	radius	cervus radius
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/28/2017	Fauna	Bone	rib fragments	rib fragment
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Fauna	Bone	rodent bone fragment	rodent bone fragment
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/28/2017	Fauna	Bone	tibia	small mammal tibia
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/28/2017	Fauna	Bone	tibia	butchered tibia fragment
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Fauna	Bone	unidentified bone fragment	unidentified bone fragment
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Fauna	Bone	unknown	unknown foot bone
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Fauna	bone	vertebrae	vertebrae fragment - butchered
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Fauna	bone	vertebrae	possible cervical vertebrae
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Fauna	Bone	vertebrae	vertebrae fragment
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Fauna	Bone	vertebrae	thoracic vertebrae
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Fauna	Tooth	Pig/Boar tooth	pig/boar tooth
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/28/2017	Fauna	Tooth	teeth fragments	teeth fragments
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/28/2017	Fauna	vertebrae	thoracic vertebrae	bos thoracic vertebrae
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/28/2017	Flora	Peach	Peach pit	burnt peach pit
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/27/2017	Flora	Wood	Charcoal	charcoal
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Flora	wood	Charcoal	charcoal
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/28/2017	Glass	Glass	Fragment	glass fragments
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/28/2017	Glass	Glass	Fragment	glass fragments
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/27/2017	Glass	Glass	Fragments	concave, undecorated
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/27/2017	Glass	Glass	Fragments	concave, undecorated
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/27/2017	Glass	Glass	fragments	concave, undecorated
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/27/2017	Glass	Glass	Fragments	concave, ridges present, corners present

APPENDIX B

Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
	no								1	long bone fragment
	No								1	long bone fragment
butchered	no								1	butchered sus mandible
	no								1	mandible fragment
	No								1	small mammal pelvis fragment
butchered	no								1	butchered ovis pelvis
butchered	No								1	butchered pelvis fragment
butchered	No								1	cervus radius
	No								1	rib fragments
	No								6	rodent bone fragments
	No								1	small mammal tibia
butchered	No								1	butchered tibia fragment
	No								1	unidentified bone fragment
	No								1	unknown foot bones
butchered	No								1	butchered vertebrae fragment
	no								1	possible cervical vertebrae
	No								1	vertebrae fragment
	No								1	thoracic vertebrae
	No								1	pig/boar tooth
	No								5	teeth fragments
	No								1	bos thoracic vertebrae
	No								1	burnt peach pit
burned	No		black						3	charcoal
burned	No								16	charcoal
	No		solarized amethyst						3	amethyst glass fragments
iridescent patina	No		amber						8	amber glass fragments
possibly part of a rim	No		amber						1	amber glass fragment
iridescent patina	No		solarized amethyst						1	amethyst glass fragment
	No		aqua						1	concave, undecorated
iridescent patina	No		clear						2	concave, undecorated
iridescent patina	no		amber						3	glass fragments
iridescent patina	no		clear						20	glass fragments, ridges present, corners present

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/27/2017	Glass	Glass	fragments	concave
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/28/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/28/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Glass	Glass	Fragments	large glass fragments
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Glass	glass	fragments	concave, undecorated
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/27/2017	Glass	Glass	Jar fragments	Concave, screw portion present
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Glass	Glass	Fragments	bottle fragments
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Glass	Glass	Bottle	bottle neck
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Glass	Glass	Bottle	bottle base fragment
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/28/2017	Historic	Plastic	Button	plastic button
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/28/2017	Metal	Alloy	Casing	metal casing
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Metal	alloy	casing	casing with "P" stamped on bottom
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Metal	alloy	casing	casing with "UMC 32 WCF" stamped on bottom
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Metal	alloy	casing	casing with undecipherable writing
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/27/2017	Metal	Alloy	gromet	gromet
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/28/2017	Metal	Alloy	Ring	metal ring
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Metal	alloy	rivet	rivet for cloth
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Metal	alloy	rivet	rivet for cloth
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Metal	brass	clock key	brass clock key
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/28/2017	Metal	Iron	Bolt	bolt with washer
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Metal	Iron	bucket handle	bucket handle
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Metal	iron	buckle	buckle
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/28/2017	Metal	Iron	Button	metal button
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Metal	iron	button	pants button
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Metal	iron	button	pants buttons
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/27/2017	Metal	Iron	Can	can
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/28/2017	Metal	iron	can	metal can
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Metal	Iron	Can	Square base, end missing
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Metal	Iron	Can	Square base, end missing
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Metal	Iron	Can	Square base, end missing
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	metal	iron	can	metal can
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Metal	iron	can	square can

APPENDIX B

Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
portion of word present	no		aqua						5	glass fragments, letters present
iridescent patina	No		clear						48	clear glass fragments
	No		aqua						12	aqua glass fragments
white and iridescent patina, one fragment has a rim	No		clear						2	clear large glass fragments
white and iridescent patina	No		clear						23	clear very small glass fragments
	No		aqua						3	aqua glass fragments
white and iridescent patina	No		light amber						32	light amber glass fragments
	No		aqua						4	aqua glass fragments
iridescent patina	No		clear						16	clear glass fragments
	No		clear						5	fragments
	no		aqua						3	jar fragments, screw portion present
white and iridescent patina	No		amber						18	amber bottle fragments
white and iridescent patina, seam on sides, shoulder and part of sides present, thick finish	No		amber						1	amber bottle neck
white and iridescent patina, bottom has "13" in middle and "CGCO" around outside	Yes		amber						1	amber bottle base fragment
four holes in middle	No								1	plastic button
	No								1	metal casing
"P" stamped on bottom	yes								1	casing with "P" stamped on bottom
"UMC 32 WCF" stamped on bottom	yes								1	casing with "UMC 32 WCF" stamped on bottom
undecipherable writing stamped	yes								1	casing with undecipherable writing
	No								1	metal gromet
	No								2	metal rings
rivet for clothing	No								1	rivetf for clothing
rivet for clothing	no								1	small clothing rivets
	No								1	brass clock key
rusted	No								1	rusted bolt with washer
	No								1	bucket handle
buckle with two prongs	No								1	buckle with two prongs
rusted	No								1	metal button
metal pants button	No								1	metal pants button
pants button	No								1	metal pants button
	No								1	can
	No								1	metal can
Square base	No								1	Square base, end missing
square base	No								1	Square base, end missing
square base, tall	no								1	Square base, end missing
	No								1	metal can
	no								1	square can

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Metal	iron	can	metal can
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Metal	iron	can	lid
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Metal	iron	can	thin rectangular can with lid
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Metal	iron	can	square can
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Metal	iron	can	tobacco can
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Metal	iron	can	square can with lid
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Metal	Iron	can	rectangular can
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Metal	iron	can	flattened can
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Metal	iron	can	paint can bottom
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Metal	iron	can	sardine cans
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Metal	iron	can	beer can bottom
Nate Harrison	10060	9891	89	D	Sandy Loam	Hails, Hare	3/31/2017	Metal	iron	can	lid
Nate Harrison	10060	9891	89	D	Sandy Loam	Hails, Hare	3/31/2017	Metal	iron	can	circular can
Nate Harrison	10060	9891	89	D	Sandy Loam	Hails, Hare	3/31/2017	Metal	iron	can	rectangular can
Nate Harrison	10060	9891	89	D	Sandy Loam	Hails, Hare	3/31/2017	Metal	iron	can	can lid
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Metal	Iron	Can	Can fragment
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Metal	Iron	Can base	rectangular metal can base
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Metal	Iron	Can base	circular can base
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Metal	iron	can bottom	can bottom
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/28/2017	Metal	Iron	Can Opener	can opener/key
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/28/2017	Metal	Iron	Fragment	small flat oval fragment
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Metal	Iron	Fragment	metal fragment
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Metal	Iron	Fragment	metal fragment
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/28/2017	Metal	Iron	Fragments	metal fragments
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/28/2017	Metal	Iron	Fragments	metal fragments
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	metal	iron	fragments	fragments
Nate Harrison	10060	9891	89	D	Sandy Loam	Hails, Hare	3/31/2017	metal	iron	fragments	metal fragments
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Metal	iron	fragments	metal fragments
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Metal	iron	fragments	unknown metal fragments
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Metal	iron	fragments	can fragments
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Metal	Iron	fragments	unknown metal fragments
Nate Harrison	10050	9885	89	D	Sandy Loam	Hoke	4/8/2017	Metal	iron	fragments	metal fragments
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/28/2017	Metal	iron	key	sardine key
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Metal	iron	key	sardine key with metal wrapping
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	metal	iron	key	sardine key
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	metal	iron	key	sardine key with metal wrapping
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Metal	iron	large can lid	can lid
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	metal	Iron	metal fragments	metal fragments
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Metal	iron	metal fragments	metal fragments
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	metal	iron	nail	wire cut nail
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	metal	iron	nail	machine cut nails

APPENDIX B

Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
	No								1	metal can
	No								1	can lid
lid detached	No								2	thin rectangular can with lid
	No								1	square metal can
	No								1	tobacco can
	no								1	square can with li
	no								1	rectangular can
	no								1	flattened can
	no								1	paint can bottom
	no								2	sardine cans
	no								1	beer can bottom
	No								1	can lid
	No								1	circular can
	No								1	rectangular can
	No								1	can lid
	No								1	can fragment
ring impressed on bottom, blue showing through rust	No								1	rectangular can base with circle pattern
rusted, bent sides	No								1	circular can base with bent sides
	No								1	can bottom
rusted	No								2	can openers/key
two small triangular tabs	No								1	small oval flat fragment w/ tabs
	No								14	metal fragment
	No								29	metal fragments
rusted	No								36	metal fragments
rusted, large and small	No								13	metal fragments
	No								96	metal fragments
	No								8	metal fragments
	No								3	metal fragments
	No								5	unknown metal fragments
	No								2	can fragments
	no								4	unknown metal fragments
	No								7	metal fragments
	No								1	sardine key
	no								1	Sardine key with metal wrapping
	no								1	sardine key
	No								2	Sardine key with metal wrapping
	No								1	large can lid
	No								3	metal fragments
	No								8	metal fragments
wire cut	No								2	wire cut
machine cut	No								3	machine cut

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/27/2017	Metal	iron	nails	wire cut nail
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/28/2017	Metal	Iron	Nails	machined nails
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/28/2017	Metal	Iron	Nails	wire nails
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/28/2017	Metal	Iron	Nails	wire nails
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/28/2017	Metal	Iron	Nails	machine cut nails
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Metal	iron	paint can lid fragment	lid fragment
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	metal	iron	screw	screw
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/28/2017	Metal	Iron	Staple	metal staple
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	metal	iron	tack	tack
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/28/2017	Metal	Iron	Wire	wire fragments
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/28/2017	Metal	Iron	Wire	wire fragments
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	metal	iron	wire	fragments
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Metal	Iron	wire fragments	wire fragments
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/28/2017	Metal	Alloy	Button	jean button
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Metal	Iron	Can	circular can
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/27/2017	metal	iron	fragments	unknown fragments
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/28/2017	Metal	Unknown	Button	metal button
Nate Harrison	10060	9890	89	D	Sandy Loam	Hails, Hare	3/31/2017	Stone	chipped stone	flake	chipped stone flake
Nate Harrison	10060	9890	89	E	Sandy Loam	Davis, Hare	2/25/2017	Ceramic	Ceramic	Whiteware	whiteware fragments
Nate Harrison	10060	9890	89	E	Sandy Loam	Davis, Hare	2/25/2017	Ceramic	Ceramic	yellow ware	yellowware rim fragment
Nate Harrison	10060	9890	89	E	Sandy Loam	Davis, Hare	2/25/2017	Fauna	Bone	fragments	burned bone fragments
Nate Harrison	10060	9890	89	E	Sandy Loam	Davis, Hare	2/25/2017	Fauna	bone	fragments	bone fragments
Nate Harrison	10060	9890	89	E	Sandy Loam	Davis, Hare	2/25/2017	Flora	Wood	Charcoal	charcoal
Nate Harrison	10060	9890	89	E	Sandy Loam	Davis, Hare	2/25/2017	Glass	glass	Bottle Neck	bottle neck
Nate Harrison	10060	9890	89	E	Sandy Loam	Davis, Hare	2/25/2017	glass	glass	fragment	flat, undecorated
Nate Harrison	10060	9890	89	E	Sandy Loam	Davis, Hare	2/25/2017	Glass	glass	fragment	concave, undecorated
Nate Harrison	10060	9890	89	E	Sandy Loam	Davis, Hare	2/25/2017	Glass	glass	fragments	concave, undecorated
Nate Harrison	10060	9890	89	E	Sandy Loam	Davis, Hare	2/25/2017	Metal	Brass	metal ring	potential lid or clasp
Nate Harrison	10060	9890	89	E	Sandy Loam	Davis, Hare	2/25/2017	metal	iron	can base	metal can base
Nate Harrison	10060	9890	89	E	Sandy Loam	Davis, Hare	2/25/2017	Metal	iron	metal fragments	metal fragments
Nate Harrison	10060	9890	89	E	Sandy Loam	Davis, Hare	2/25/2017	Metal	iron	nail	wire cut nail
Nate Harrison	10060	9890	89	E	Sandy Loam	Davis, Hare	2/25/2017	Metal	iron	nail	machine cut nail
Nate Harrison	10060	9890	89	E	Sandy Loam	Davis, Hare	2/25/2017	Metal	iron	wire fragments	wire fragments
Nate Harrison	10055	9890	90	A	Mixed Fill	Holm	3/11/2017	Fauna	Bone	Fragment	unid Medium mammal bone
Nate Harrison	10050	9890	90	A	Mixed Fill	Holm	3/11/2017	Fauna	Bone	teeth fragments	Unid teeth fragments
Nate Harrison	10050	9890	90	A	Mixed Fill	Holm	3/11/2017	Glass	Glass	fragment	clear glass fragment
Nate Harrison	10050	9890	90	A	Mixed Fill	Holm	3/11/2017	Glass	Glass	fragment	blue glass fragment

APPENDIX B

Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
	No								3	wire cut nails
rusted	No								4	machined nails
rusted	No								16	wire nails
rusted, most complete	No								15	wire nails
rusted, some complete	No								8	machine cut nails
	No								9	paint can lid fragments
	No								1	screw
rusted	No								1	metal staple
	No								1	tack
rusted	No								9	wire fragments
rusted	No								13	wire fragments
	No								8	wire fragments
	No								3	wire fragments
front says "L. B N 78"	Yes								1	metal jean button
lid still attached, rusted	No								1	circular can with lid attached
	No								4	metal fragments
two holes, decorations, words on front	Yes								1	metal button
	no								1	Chipped stone flake
	No		white						3	whiteware
	No		yellow						1	yellowware
burned	No								3	burned bone fragments
	No								33	bone fragments
burned	No		black						2	charcoal
	No		blue						1	bottle neck
flat	No		clear						1	flat, undecorated
	No		amber						1	concave, undecorated
iridescent patina	No		clear						9	concave, undecorated
circular with hole in center, three smaller holes on circular edge, portion for clasp on edge	no								1	potential lid or clasp
circular ridge	no								1	metal can base
	no								5	metal fragments
wire cut	no								1	wire cut nail
machine cut nail	no								2	machine cut nail
one large piece	no								7	wire fragments
Unid mm bone fragment	No								7	Unid medium mamall bone fragment
teeth fragments	No								3	unid teeth fragment
clear glass fragment	no		Clear						8	clear glass fragment
blue glass fragment	No		Blue						3	blue glass fragment

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	10050	9890	90	A	Mixed Fill	Holm	3/11/2017	Glass	glass	Fragment	brown glass fragment
Nate Harrison	10050	9890	90	A	Mixed Fill	holm	3/11/2017	Glass	glass	Fragment	green glass fragment
Nate Harrison	10050	9890	90	A	Mixed Fill	Holm	3/11/2017	Metal	Alloy	Bullet Casing	bullet casing, fired
Nate Harrison	10050	9890	90	A	Mixed Fill	Holm	3/11/2017	Metal	Iron	bolt	bolt
Nate Harrison	10050	9890	90	A	Mixed Fill	Holm	3/11/2017	Metal	iron	bottle cape	bottle cap fragment
Nate Harrison	10050	9890	90	A	Mixed Fill	Holm	3/11/2017	Metal	Iron	button	button
Nate Harrison	10050	9890	90	A	Mixed Fill	Holm	3/11/2017	Metal	Iron	Fragment	fragment
Nate Harrison	10050	9890	90	A	Mixed Fill	Holm	3/11/2017	Metal	iron	key	sardine can key
Nate Harrison	10050	9890	90	A	Mixed Fill	Holm	3/11/2017	Metal	Iron	Nail	witre cut nail
Nate Harrison	10055	9890	90	A	Sandy Loam	Holm, Bastide	3/18/2017	Fauna	Bone	fragment	mammalian long bone fragment
Nate Harrison	10055	9890	90	A	Sandy Loam	Holm, Bastide	3/18/2017	Fauna	Bone	Rodent long bone fragment	rodent long bone fragment
Nate Harrison	10055	9890	90	A	Sandy Loam	Holm, Bastide	3/18/2017	Glass	Glass	fragment	flat
Nate Harrison	10055	9890	90	A	Sandy Loam	Holm, Bastide	3/18/2017	Glass	Glass	fragments	flat fragments
Nate Harrison	10055	9890	90	A	Sandy Loam	Holm, Bastide	3/18/2017	Glass	Glass	fragments	concave, wavy
Nate Harrison	10055	9890	90	A	Sandy Loam	Holm, Bastide	3/18/2017	Glass	Glass	fragments	concave words present
Nate Harrison	10055	9890	90	A	Sandy Loam	Holm, Bastide	3/18/2017	Glass	Glass	fragments	Concave, screw portion present
Nate Harrison	10055	9890	90	A	Sandy Loam	Holm, Bastide	3/18/2017	metal	Alloy	bullet casing	fired casing
Nate Harrison	10055	9890	90	A	Sandy Loam	Bastide, Sanchez	3/29/2017	Metal	Alloy	Can	Can base, intact
Nate Harrison	10055	9890	90	A	Sandy Loam	Bastide, Sanchez	3/29/2017	Metal	Alloy	Fragment	Can base fragment, rectangular
Nate Harrison	10055	9890	90	A	Sandy Loam	Bastide, Sanchez	3/29/2017	Metal	Alloy	Lid	lid
Nate Harrison	10055	9890	90	A	Sandy Loam	Holm, Bastide	3/18/2017	metal	iron	button	pants button
Nate Harrison	10055	9890	90	A	Sandy Loam	Holm, Bastide	3/18/2017	metal	iron	chain	chain
Nate Harrison	10055	9890	90	A	Sandy Loam	Holm, Bastide	3/18/2017	metal	Iron	fragments	fragments
Nate Harrison	10055	9890	90	A	Sandy Loam	Holm, Bastide	3/18/2017	metal	iron	nail	wire nail fragmes
Nate Harrison	10055	9890	90	A	Sandy Loam	Holm, Bastide	3/18/2017	metal	Iron	nail	modern wire nail
Nate Harrison	10055	9890	90	A	Sandy Loam	Holm, Bastide	3/18/2017	metal	iron	nail	machine cut nai
Nate Harrison	10055	9890	90	A	Sandy Loam	Holm, Bastide	3/18/2017	metal	iron	rivet	rivet
Nate Harrison	10055	9890	90	A	Sandy Loam	Holm, Bastide	3/18/2017	metal	Iron	Staple	staple
Nate Harrison	10055	9890	90	B	Mixed Fill	Holm, Bastide	3/18/2017	Ceramic	Ceramic	Ceramic fragment	Fragment of Ceramic or porcllin; possible child tea set
Nate Harrison	10055	9890	90	B	Mixed Fill	Holm, Bastide	3/18/2017	Ceramic	Ceramic	Ceramic shard	Fragment of Tezon Brown ware; fire affected
Nate Harrison	10055	9890	90	B	Mixed Fill	Holm, Bastide	3/18/2017	Fauna	Bone	Bone fragment	Unidentified bone fragments

APPENDIX B

Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
brown glass fragment	no		Brown						1	Brown glass fragment
green glass fragment	No		Green						1	Green Glass fragment
letter U on bottom	Yes								1	fired bullet casing with letter U on bottom
square head bolt	No								1	square head bolt
bottle cap	No								1	iron bottle cap
button	No								1	iron button
metal fragment	No								13	metal fragments
sardine keys	no								1	Sardine can key
wire cut nails	No								6	wire cut nails
	No								1	Mammal long bone fragment
	No								1	rodent long bone fragments
	no		green						1	flat
iridescent patina	no		clear						5	flat fragments
iridescent patina	no		clear						1	concave, wavy
iridescent patina	no		clear						1	concave, words present
iridescent patina	no		clear						1	concave, screw portion present
fired	no								1	fired casing
circular base, rusted	No								1	rusted, circular base
rectangular shape	No								1	rectangular base, rusted
rectangular shape, rusted	No								2	rusted rectangular base
pants button	no								1	pants button
chain	no								1	chain
fragments	No								6	iron fragments
wire cut	no								5	wire cut nails
wire cut	no								1	wire cut nail
machine cut	no								2	machine cut nail
	no								1	rivet
staple	no								1	staple
	No		white						1	Possible child's porcelain tea set fragment
none	No		Tezon Brown						1	Fragment of Tezon Brown Ware
none	No								7	

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	10055	9890	90	B	Mixed Fill	Holm, Bastide	3/18/2017	Fauna	Bone	Bone fragment	Butcherd long bone fragment. Cut at an angle
Nate Harrison	10055	9890	90	B	Mixed Fill	Holm, Bastide	3/18/2017	Fauna	Bone	unidentifiable bone fragments	bone fragment
Nate Harrison	10055	9890	90	B	Mixed Fill	Holm, Bastide	3/18/2017	Fauna	Bone	unidentified burned bone fragments	bone fragment Burned bone
Nate Harrison	10055	9890	90	B	Mixed Fill	Holm, Bastide	3/18/2017	Fauna	Bone/dentine	tooth	fragmented pig tooth, s
Nate Harrison	10055	9890	90	B	Mixed Fill	Holm, Bastide	3/18/2017	Fauna	Shell	button	button
Nate Harrison	10055	9890	90	B	Mixed Fill	Holm, Bastide	3/18/2017	Fuana	Bone	proximal ulna fragment	fragmented proximal ulna
Nate Harrison	10055	9890	90	B	Mixed Fill	Holm, Bastide	3/18/2017	Glass	Glass	glass fragment	Glass fragments
Nate Harrison	10055	9890	90	B	Mixed Fill	Holm, Bastide	3/18/2017	Glass	Glass	glass fragment	Glass fragment
Nate Harrison	10055	9890	90	B	Mixed Fill	Holm, Bastide	3/18/2017	Glass	Glass	glass fragment	glass fragment
Nate Harrison	10055	9890	90	B	Mixed Fill	Holm, Bastide	3/18/2017	Metal	alloy	casing	casing with "H" stamped on bottom
Nate Harrison	10055	9890	90	B	Mixed Fill	Holm, Bastide	3/18/2017	metal	alloy	d loop	d loop for shoes
Nate Harrison	10055	9890	90	B	Mixed Fill	Holm, Bastide	3/18/2017	Metal	iron	can	can lid
Nate Harrison	10055	9890	90	B	Mixed Fill	Holm, Bastide	3/18/2017	Metal	iron	suspender clip	suspender clip
Nate Harrison	10055	9890	90	B	Mixed Fill	Holm, Bastide	3/18/2017	Metal	Metal	Flakes	Matal Flake fragments
Nate Harrison	10055	9890	90	B	Mixed Fill	Holm, Bastide	3/18/2017	Metal	metal	metal fragments	Metal fregment possible can key
Nate Harrison	10055	9890	90	B	Mixed Fill	Holm, Bastide	3/18/2017	Metal	Metal	Metal jean rivet	Jean rivet
Nate Harrison	10055	9890	90	B	Mixed Fill	Holm, Bastide	3/18/2017	Metal	Metal	Metal nails	Metal Not wire nails
Nate Harrison	10055	9890	90	B	Mixed Fill	Holm, Bastide	3/18/2017	Metal	Metal	Metal wire	Metal wire
Nate Harrison	10055	9890	90	B	Mixed Fill	Holm, Bastide	3/18/2017	Metal	Metal	Wire Nails	Metal wire nails
Nate Harrison	10055	9890	90	B	Mixed Fill	Holm, Bastide	3/18/2017	Metal	Alloy	rivet	metal rivet
Nate Harrison	10055	9890	90	B	Mixed Fill	Holm, Bastide	3/18/2017	Other	rubber	pipestem	mouthpiece
Nate Harrison	10055	9890	90	B	Mixed Fill	Holm, Bastide	3/18/2017	Stone	chipped stone	flake	chipped stone flake
Nate Harrison	10050	9890	90	B	Sandy Loam	Holm, Bastide	3/25/2017	glass	glass	fragment	concave, undecorated
Nate Harrison	10050	9890	90	B	Sandy Loam	Holm, Bastide	3/25/2017	Glass	Glass	fragment	concave, undecorated
Nate Harrison	10050	9890	90	B	Sandy Loam	Holm, Bastide	3/25/2017	glass	glass	fragment	concave, undecorated
Nate Harrison	10050	9890	90	B	Sandy Loam	Holm, Bastide	3/25/2017	Glass	Glass	fragment	flat, undecorated
Nate Harrison	10050	9890	90	B	Sandy Loam	Holm, Bastide	3/25/2017	glass	glass	fragment	concave, undecorated

APPENDIX B

Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
angularly cut	No								1	Butcherd long bone
	No								4	unidentified bone fragment
	No								3	unidentified burned bone fragments
none	No								2	fragmented Sus tooth, which tooth is unknown
shell button	No		white						1	shell button
	No								1	possible deer proximal fragmented ulna
none	No		Clear						3	Clear glass fragments
none	No		Blue Hue						1	Blue hue glass fragment
none	No		clear						1	Clear flat glass fragment; little patina
"H" stamped on bottom	yes								1	casing with "H" stamped on bottom
metal d loop for shoes	no								1	metal d loop for shoes
	No								1	can lid
suspender clip	no								1	metal suspender clip
none	No								7	Metal flake fragments
none	No								1	
Wording says "Fat July: 1882 Pringles"	Yes								1	Metal Jean rivet button with wording
none	No								3	
none	No								1	Metal wire
none	No								4	
rivet for clothing	No								1	metal rivet
	no								1	pipestem mouthpiece
	No								1	Chipped stone flake
iridescent patina	No		brown						1	fragment
	No		aqua						4	fragments
iridescent patina	No		clear						5	fragments
iridescent patina	No		clear						9	fragments
	No		amber						2	fragments

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	10055	9895	90	B	Sandy Loam	Holm, Bastide	3/25/2017	Metal	iron	fragment	metal fragment
Nate Harrison	10055	9890	90	B	Sandy Loam	Holm, Bastide	3/25/2017	Metal	iron	nail	machine cut
Nate Harrison	10055	9890	90	B	Sandy Loam	Holm, Bastide	3/25/2017	Metal	Iron	nail	wire cut
Nate Harrison	10055	9890	90	B	Sandy Loam	Holm, Bastide	3/25/2017	metal	iron	staple	metal staple
Nate Harrison	10060	9890	90	C	Sandy Loam	Holm, Bastide	3/25/2017	Ceramic	earthenware	Fragment	earthenware fragment
Nate Harrison	10060	9890	90	C	Sandy Loam	Holm, Bastide	3/25/2017	Ceramic	Flow blue	Fragment	flow blue fragment
Nate Harrison	10055	9890	90	C	Sandy Loam	Bastide, Sanchez	3/27/2017	Ceramic	White-ware	Fragments	whiteware fragments
Nate Harrison	10055	9890	90	C	Sandy Loam	Bastide, Sanchez	3/27/2017	Ceramic	White-ware	Fragments	rim fragment
Nate Harrison	10055	9890	90	C	Sandy Loam	Holm, Bastide	3/25/2017	Fauna	Bone	calcaneus	canis calcaneus
Nate Harrison	10060	9890	90	C	Sandy Loam	Holm, Bastide	3/25/2017	Fauna	Bone	Fragments	burned bone fragments
Nate Harrison	10060	9890	90	C	Sandy Loam	Holm, Bastide	3/25/2017	Fauna	Bone	Fragments	rib bone fragments
Nate Harrison	10060	9890	90	C	Sandy Loam	Holm, Bastide	3/25/2017	Fauna	Bone	Fragments	small bone fragments
Nate Harrison	10060	9890	90	C	Sandy Loam	Holm, Bastide	3/25/2017	Fauna	Bone	Fragments	rodent bone fragment
Nate Harrison	10055	9890	90	C	Sandy Loam	Holm, Bastide	3/25/2017	Fauna	Bone	Rodent scapula fragments	rodent scapula fragments
Nate Harrison	10055	9890	90	C	Sandy Loam	Holm, Bastide	3/25/2017	Fauna	Bone	scapula	butchered Bos scapula
Nate Harrison	10060	9890	90	C	Sandy Loam	Holm, Bastide	3/25/2017	Fauna	Bone	Tooth	tooth
Nate Harrison	10055	9890	90	C	Sandy Loam	Holm, Bastide	3/25/2017	Fauna	Bone	unidentified bone fragment	fragments of fire affected bone
Nate Harrison	10055	9890	90	C	Sandy Loam	Holm, Bastide	3/25/2017	Fauna	Bone	unidentified bone fragment	unidentified bone fragment fire affected
Nate Harrison	10055	9890	90	C	Sandy Loam	Holm, Bastide	3/25/2017	Fauna	Bone	unidentified fragmented bone	unidentified bone fragment
Nate Harrison	10055	9890	90	C	Sandy Loam	Holm, Bastide	3/25/2017	Fauna	bone	unidentified animal fragments	unidentified animal fragment
Nate Harrison	10055	9890	90	C	Sandy Loam	Bastide, Sanchez	3/27/2017	Fauna	Shell	button	Shell button
Nate Harrison	10055	9890	90	C	Sandy Loam	Bastide, Sanchez	3/27/2017	Fauna	Shell	button	shell button fragments
Nate Harrison	10055	9890	90	C	Sandy Loam	Holm, Bastide	3/25/2017	Fauna	Tooth	unidentified tooth fragments	unidentified tooth fragments
Nate Harrison	10060	9890	90	C	Sandy Loam	Holm, Bastide	3/25/2017	Flora	Rubber	Fragments	rubber fragments
Nate Harrison	10060	9890	90	C	Sandy Loam	Holm, Bastide	3/25/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10060	9890	90	C	Sandy Loam	Holm, Bastide	3/25/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10060	9890	90	C	Sandy Loam	Holm, Bastide	3/25/2017	Glass	Glass	Fragment	concave, undecorated

APPENDIX B

Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
	No								14	metal fragments
machine cut nail	No								1	machine cut nail
wire cut nail	No								11	wire cut nail
	No								1	metal staple
	No		grey & black						1	earthenware fragment
edge piece, floral design with linear pattern on the edge	No								1	flow blue fragment with floral design
	No		white						2	whiteware fragments
large rim fragment	No		white						1	whiteware rim fragment
	No								1	canis Calcaneus
	No								3	burned bone fragments
	No								5	rib bone fragments
unidentified mammal	No								11	small bone fragments
	No								1	small rodent bone fragment
	No								2	rodent scapula fragments
butchered	No								1	butchered scapula, butchered
	No								1	tooth
fire affected	No		white						2	fire affected unidentified bone fragments
fire affected, butchered	No		white/gray						1	unidentified fire affected butchered bone fragment
butchered	No								2	unidentified butchered bone
	No								37	unidentified animal fragments
shell button	no								1	Shell button
shell button fragments	no								2	shell button fragments
	No								2	unidentified tooth fragments
curved	No								1	curved rubber fragments
ribbed decoration	No		aqua						1	aqua glass fragment
	No		solarized amethyst						1	amethyst glass fragment
	no		aqua						4	fragments

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	10060	9890	90	C	Sandy Loam	Holm, Bastide	3/25/2017	Glass	Glass	Fragment	concave, undecorated
Nate Harrison	10060	9890	90	C	Sandy Loam	Holm, Bastide	3/25/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10060	9890	90	C	Sandy Loam	Holm, Bastide	3/25/2017	Glass	Glass	Fragments	concave, undecorated
Nate Harrison	10060	9890	90	C	Sandy Loam	Holm, Bastide	3/25/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10060	9890	90	C	Sandy Loam	Holm, Bastide	3/25/2017	Glass	Glass	Fragments	concave, undecorated
Nate Harrison	10055	9890	90	C	Sandy Loam	Bastide, Sanchez	3/27/2017	Metal	alloy	Bullet Casing	fired casing
Nate Harrison	10055	9890	90	C	Sandy Loam	Bastide, Sanchez	3/27/2017	Metal	alloy	button	metal button
Nate Harrison	10055	9890	90	C	Sandy Loam	Bastide, Sanchez	3/27/2017	Metal	alloy	ferrule	metal ferrule
Nate Harrison	10060	9890	90	C	Sandy Loam	Holm, Bastide	3/25/2017	Metal	Alloy	Tube	small metal tube
Nate Harrison	10060	9890	90	C	Sandy Loam	Holm, Bastide	3/25/2017	Metal	Iron	Fragments	metal fragments
Nate Harrison	10055	9890	90	C	Sandy Loam	Bastide, Sanchez	3/27/2017	Metal	Iron	fragments	metal fragments
Nate Harrison	10060	9890	90	C	Sandy Loam	Holm, Bastide	3/25/2017	Metal	Iron	Nail	machined nails
Nate Harrison	10060	9890	90	C	Sandy Loam	Holm, Bastide	3/25/2017	Metal	Iron	Nail	wire nails
Nate Harrison	10055	9890	90	C	Sandy Loam	Bastide, Sanchez	3/27/2017	Metal	Iron	nail	wire nails
Nate Harrison	10055	9890	90	C	Sandy Loam	Bastide, Sanchez	3/27/2017	Metal	Iron	nails	machine cut nails
Nate Harrison	10055	9890	90	C	Sandy Loam	Bastide, Sanchez	3/27/2017	Metal	Iron	spur	spur star fragment
Nate Harrison	10055	9890	90	C	Sandy Loam	Bastide, Sanchez	3/27/2017	Metal	Iron	staple	metal staple
Nate Harrison	10060	9890	90	C	Sandy Loam	Holm, Bastide	3/25/2017	Metal	Iron	Wire	wire fragments
Nate Harrison	10055	9890	90	C	Sandy Loam	Bastide, Sanchez	3/27/2017	Metal	Iron	wire	wire fragments
Nate Harrison	10055	9890	90	C	Sandy Loam	Bastide, Sanchez	3/27/2017	Other	Rubber	rubber strips	rubber fragments
Nate Harrison	10050	9890	90	D	Sandy Loam	Bastide, Sanchez	3/28/2017	Ceramic	Ceramic	whiteware	whiteware fragments
Nate Harrison	10055	9890	90	D	Sandy Loam	Bastide, Sanchez	3/29/2017	Fauna	Bone	Fragmented mandible with teeth	mandible fragment
Nate Harrison	10050	9890	90	D	Sandy Loam	Bastide, Sanchez	3/28/2017	Fauna	Fragment	cervus	cervus maxila w/ 3 molar
Nate Harrison	10050	9890	90	D	Sandy Loam	Bastide, Sanchez	3/28/2017	Fauna	Fragment	unidentified fragments	unid Medium mammal bone
Nate Harrison	10050	9890	90	D	Sandy Loam	Bastide, Sanchez	3/28/2017	Glass	Glass	Fragment	clear glass fragment
Nate Harrison	10050	9890	90	D	Sandy Loam	Bastide, Sanchez	3/28/2017	Glass	glass	Fragment	amber glass fragment
Nate Harrison	10050	9890	90	D	Sandy Loam	Bastide, Sanchez	3/28/2017	Glass	Glass	Fragment	blue glass fragment
Nate Harrison	10050	9890	90	D	Sandy Loam	Bastide, Sanchez	3/28/2017	Metal	Alloy	Bullet Casing	bullet casing, fired

APPENDIX B

Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
	no		green						2	fragments
iridescent patina	No		amber						3	amber glass fragments
	no		brown						5	fragments
iridescent patina	No		clear						7	clear glass fragments
iridescent patina	no		clear						17	fragments
fired casing	No								1	fired bullet casing
	No								1	metal button
	No								1	metal ferrule
T-shaped	No								1	small metal, T-shaped tube
rusted	No								13	metal fragments
	No								20	metal fragments
rusted	No								3	machined nails
rusted	No								7	wire nails
wire cut	No								11	wire cut nails
	No								5	machine cut nails
spur star fragment	No								1	spur star
warped	No								1	warped metal staple
bent	No								6	wire fragments
	No								5	wire fragments
	No								4	rubber strips
whiteware fragment	No		White						1	Whiteware fragment
	No								4	mandible with broken fragments
cervus maxial w/ 3 molars	No								1	cervus maxial with 3 molars
unied mm bones	No								25	Unid MM bones
clear glass fragment	no		Clear						14	Clear glass fragment
amber glass fragment	No		Amber						6	Amber glass fragment
blue glass fragment	No		Blue						2	blue glass fragment
bullet casing	No								1	Bullet casing

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	10055	9890	90	D	Sandy Loam	Bastide, Sanchez	3/29/2017	Metal	Iron	Can	Square can
Nate Harrison	10050	9890	90	D	Sandy Loam	Bastide, Sanchez	3/28/2017	Metal	iron	Fragment	metal fragment
Nate Harrison	10050	9890	90	D	Sandy Loam	Bastide, Sanchez	3/28/2017	Metal	Iron	Fragment	Wire
Nate Harrison	10055	9890	90	D	Sandy Loam	Bastide, Sanchez	3/29/2017	Metal	Iron	Fragment	Fragment
Nate Harrison	10050	9890	90	D	Sandy Loam	Bastide, Sanchez	3/28/2017	Metal	Iron	Nail	iron nail
Nate Harrison	10050	9890	90	D	Sandy Loam	Bastide, Sanchez	3/28/2017	Metal	Iron	tube	metal tube
Nate Harrison	10055	9890	90	D	Sandy Loam	Bastide	4/8/2017	metal	iron	wire	fragment
Nate Harrison	10055	9890	90	E	Sandy Loam	Bastide, Sanchez	3/29/2017	Fauna	Bone	Fragment	bone fragments
Nate Harrison	10055	9890	90	E	Sandy Loam	Bastide, Sanchez	3/29/2017	Fauna	Bone	Fragment	burned bone fragments
Nate Harrison	10055	9890	90	E	Sandy Loam	Bastide, Sanchez	3/29/2017	Fauna	Shell	Button	shell button
Nate Harrison	10055	9890	90	E	Sandy Loam	Bastide, Sanchez	3/29/2017	Fauna	Bone	Fragment	vertebrae fragment
Nate Harrison	10055	9890	90	E	Sandy Loam	Bastide, Sanchez	3/29/2017	Glass	Glass	Fragment	glass fragments
Nate Harrison	10055	9890	90	E	Sandy Loam	Bastide, Sanchez	3/29/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10055	9890	90	E	Sandy Loam	Bastide, Sanchez	3/29/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10055	9890	90	E	Sandy Loam	Bastide, Sanchez	3/29/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10055	9890	90	E	Sandy Loam	Bastide, Sanchez	3/29/2017	Metal	Alloy	Ring	small metal ring
Nate Harrison	10055	9890	90	E	Sandy Loam	Bastide, Sanchez	3/29/2017	Metal	Iron	Fragment	small flat oval fragment
Nate Harrison	10055	9890	90	E	Sandy Loam	Bastide, Sanchez	3/29/2017	Metal	Iron	Fragments	metal fragments
Nate Harrison	10055	9890	90	E	Sandy Loam	Bastide, Sanchez	3/29/2017	Metal	Iron	Nail	partial machined nail
Nate Harrison	10055	9890	90	E	Sandy Loam	Bastide, Sanchez	3/29/2017	Metal	Iron	Nails	complete wire nails
Nate Harrison	10055	9890	90	E	Sandy Loam	Bastide, Sanchez	3/29/2017	Metal	Iron	Rod	part of a metal rod
Nate Harrison	10055	9890	90	E	Sandy Loam	Bastide, Sanchez	3/29/2017	Metal	Iron	Tack	small metal tack
Nate Harrison	10055	9890	90	E	Sandy Loam	Bastide, Sanchez	3/29/2017	Metal	Iron	Wire	wire fragments
Nate Harrison	10055	9890	90	F	Sandy Loam	Bastide, Sanchez	3/30/2017	Fauna	Bone	Burned bone fragment	burned bone fragments
Nate Harrison	10055	9890	90	F	Sandy Loam	Bastide, Sanchez	3/30/2017	Fauna	Bone	fragmented unidentified bone fragments	bone fragments unidentified
Nate Harrison	10055	9890	90	F	Sandy Loam	Bastide, Sanchez	3/30/2017	Fauna	Bone	long bone fragment	possible juvenile long bone end fragment
Nate Harrison	10055	9890	90	F	Sandy Loam	Bastide, Sanchez	3/30/2017	Fauna	Bone	unidentified bone fragment	possible butchered bone fragment
Nate Harrison	10055	9890	90	F	Sandy Loam	Bastide, Sanchez	3/30/2017	Fauna	shell	button	shell button

APPENDIX B

Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
square can	no								1	Square can
metal fragment	No								14	metal fragments
wire fragments	No								6	wire fragments
	no								2	Metal fragments
nail	No								11	iron nails
ribbed	No								1	Ribbed metal tube
wire fragments	No								1	wire fragments
	No								5	bone fragments
	No								2	burned bone fragments
four holes in middle	No		dark gray						1	shell button
	No								1	vertebrae fragment
	No		light brown						2	light brown glass fragments
	No		clear						1	clear glass fragment
	No		amber						4	amber glass fragments
	No		aqua						4	aqua glass fragments
	No								1	small metal ring
two small triangular tabs	No								1	small oval flat fragment w/ tabs
	No								11	metal fragments
rusted	No								1	partial machined nail
rusted	No								5	complete wire nails
rusted	No								1	part of metal rod
rusted	No								1	small metal tack
rusted	No								2	wire fragments
Burned bone	No		Black						1	black burned bone fragment
	No								5	unidentified bone fragments
	No								1	possible juvenile long bone end, no butcher marks
	No								1	possible butchered unidentified bone fragment
shell button	No								1	shell button

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	10055	9890	90	F	Sandy Loam	Bastide, Sanchez	3/30/2017	Flora	wood	charcoal	burned
Nate Harrison	10055	9890	90	F	Sandy Loam	Bastide, Sanchez	3/30/2017	Glass	glass	bottle lip fragment	bottle lip fragment
Nate Harrison	10055	9890	90	F	Sandy Loam	Bastide, Sanchez	3/30/2017	glass	glass	fragment	concave, undecorated
Nate Harrison	10055	9890	90	F	Sandy Loam	Bastide, Sanchez	3/30/2017	Glass	glass	fragment	concave, undecorated
Nate Harrison	10055	9890	90	F	Sandy Loam	Bastide, Sanchez	3/30/2017	Metal	alloy	casing	Large casing with "WINCHESTER No 12 REPEATER" stamped on bottom
Nate Harrison	10055	9890	90	F	Sandy Loam	Bastide, Sanchez	3/30/2017	Metal	alloy	rivet	rivet for clothing
Nate Harrison	10055	9890	90	F	Sandy Loam	Bastide, Sanchez	3/30/2017	Metal	Iron	Fragment	metal fragment
Nate Harrison	10055	9890	90	F	Sandy Loam	Bastide, Sanchez	3/30/2017	Metal	Iron	Nail	machine cut
Nate Harrison	10055	9890	90	F	Sandy Loam	Bastide, Sanchez	3/30/2017	Metal	Iron	nail	wire cut
Nate Harrison	10055	9890	90	F	Sandy Loam	Bastide, Sanchez	3/30/2017	Metal	iron	wire	fragment
Nate Harrison	10050	9890	90	G	Sandy Loam	Bastide, Sanchez	3/30/2017	Fauna	bone	burned fragment	burned bone fragments
Nate Harrison	10050	9890	90	G	Sandy Loam	Bastide, Sanchez	3/30/2017	Fauna	bone	unidentified fragments	unknown animal
Nate Harrison	10055	9890	90	G	Sandy Loam	Bastide, Sanchez	3/30/2017	Flora	Wood	charcoal	charcoal
Nate Harrison	10055	9890	90	G	Sandy Loam	Bastide, Sanchez	3/30/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10055	9890	90	G	Sandy Loam	Bastide, Sanchez	3/30/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10050	9890	90	G	Sandy Loam	Bastide, Sanchez	3/30/2017	Metal	Alloy	bottle spout	bottle spout
Nate Harrison	10050	9890	90	G	Sandy Loam	Bastide, Sanchez	3/30/2017	Metal	Alloy	Bottle Top	bottle top
Nate Harrison	10050	9890	90	G	Sandy Loam	Bastide, Sanchez	3/30/2017	Metal	alloy	rivet	jean rivet
Nate Harrison	10050	9890	90	G	Sandy Loam	Bastide, Sanchez	3/30/2017	Metal	alloy	rivet	large rivet
Nate Harrison	10055	9890	90	G	Sandy Loam	Bastide, Sanchez	3/30/2017	Metal	Iron	fragments	metal fragments
Nate Harrison	10055	9890	90	G	Sandy Loam	Bastide, Sanchez	3/30/2017	Metal	Iron	nail	wire cut nail
Nate Harrison	10055	9890	90	G	Sandy Loam	Bastide, Sanchez	3/30/2017	Metal	Iron	nail	machine cut nail
Nate Harrison	10055	9890	90	G	Sandy Loam	Bastide, Sanchez	3/30/2017	Metal	Iron	stake	metal stake
Nate Harrison	10055	9890	90	G	Sandy Loam	Bastide, Sanchez	3/30/2017	Metal	Iron	wire	wire fragments
Nate Harrison	10055	9890	90	H	Sandy Loam	Bastide	4/8/2017	Fauna	bone	fragments	unidentified bone fragments
Nate Harrison	10055	9890	90	H	Sandy Loam	Bastide, Sanchez	3/31/2017	Fauna	Bone	rodent bone fragment	rodent bone fragment
Nate Harrison	10055	9890	90	H	Sandy Loam	Bastide	4/8/2017	Fauna	Bone	rodent bone fragment	rodent bone fragment

APPENDIX B

Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
	No		Black						3	charcoal
	no		brown						1	bottle lip fragment
	No		aqua						1	concave, undecorated
iridescent patina	No		clear						6	concave, undecorated
"WINCHESTER No 12 REPEATER" stamped on bottom	yes								1	large casing with "WINCHESTER No 12 REPEATER" stamped on bottom
rivet for clothing	No								1	rivet for clothing
	No								6	metal fragments
machine cut nail	No								2	Machine cut nails
wire cut nail	No								7	wire cut nails
wire fragments	No								1	wire fragments
burned	No								1	burned bone fragments
	No								8	unknown animal fragments
burned	no								2	charcoal
	No		clear						1	clear glass fragment
iridescent patina	No		amber						2	amber glass fragments
bottle spout	No								1	bottle spout
bottle top	No								1	bottle top
rivet for clothing	No								1	pants rivet
metal rivet for clothing	No								1	metal rivet
metal fragment	No								5	metal fragments
wire cut	No								1	wire cut nail
machine cut nail	No								1	machine cut nail
	No								1	metal stake
wire fragments	No								4	wire fragments
	no								2	unidentified bone fragments
	No								3	rodent bone fragments
	No								1	rodent bone fragment

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	10055	9890	90	H	Sandy Loam	Bastide, Sanchez	3/31/2017	Fauna	Bone	unidentified bone fragment	unidentified bone fragment
Nate Harrison	10055	9890	90	H	Sandy Loam	Bastide, Sanchez	3/31/2017	Fauna	Bone	unidentified burned bone fragment	unidentified burned bone
Nate Harrison	10055	9890	90	H	Sandy Loam	Bastide	4/8/2017	Glass	Glass	fragment	concave, undecorated
Nate Harrison	10055	9890	90	H	Sandy Loam	Bastide, Sanchez	3/31/2017	glass	glass	fragment	concave, undecorated
Nate Harrison	10055	9890	90	H	Sandy Loam	Bastide, Sanchez	3/31/2017	metal	Iron	nail	machine cut nail
Nate Harrison	10055	9890	90	J	Sandy Loam	Bastide	4/9/2017	Fauna	bone	fragment	unidentified bone fragment
Nate Harrison	10055	9890	90	J	Sandy Loam	Bastide	4/8/2017	Fauna	bone	fragments	burned bone fragments
Nate Harrison	10055	9890	90	J	Sandy Loam	Bastide	4/8/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10055	9890	90	J	Sandy Loam	Bastide	4/8/2017	Metal	alloy	casing	casing with "H" stamped on bottom
Nate Harrison	10050	9890	91	A	Sandy Loam	Galeana, Coulson	3/27/2017	Ceramic	Ceramic	Fragment	whiteware fragments
Nate Harrison	10050	9890	91	A	Sandy Loam	Galeana, Coulson	3/27/2017	Fauna	Bone	Fragment	unid Medium mammal bone
Nate Harrison	10050	9890	91	A	Sandy Loam	Galeana, Coulson	3/27/2017	Fauna	Bone	Fragment	burned bone fragments
Nate Harrison	10050	9890	91	A	Sandy Loam	Galeana, Coulson	3/27/2017	Glass	Glass	Fragment	mouth of a bottle
Nate Harrison	10050	9890	91	A	Sandy Loam	Galeana, Coulson	3/27/2017	Glass	Glass	Fragment	mouth of a bottle
Nate Harrison	10050	9890	91	A	Sandy Loam	Galeana, Coulson	3/27/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10050	9890	91	A	Sandy Loam	Galeana, Coulson	3/27/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10050	9890	91	A	Sandy Loam	Galeana, Coulson	3/27/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10050	9890	91	A	Sandy Loam	Galeana, Coulson	3/27/2017	Glass	Glass	fragment	glass fragment
Nate Harrison	10050	9890	91	A	Sandy Loam	Galeana, Coulson	3/27/2017	Glass	Glass	fragment	glass fragment
Nate Harrison	10050	9890	91	A	Sandy Loam	Galeana, Coulson	3/27/2017	Metal	Alloy	button	brass button
Nate Harrison	10050	9890	91	A	Sandy Loam	Galeana, Coulson	3/27/2017	Metal	Alloy	fragment	eyelet
Nate Harrison	10050	9890	91	A	Sandy Loam	Galeana, Coulson	3/27/2017	Metal	Alloy	Garter Clip	Boston Garter Garter clip
Nate Harrison	10050	9890	91	A	Sandy Loam	Galeana, Coulson	3/27/2017	Metal	Alloy	rivet	brass rivet
Nate Harrison	10050	9890	91	A	Sandy Loam	Galeana, Coulson	3/27/2017	Metal	Iron	button	iron button
Nate Harrison	10050	9890	91	A	Sandy Loam	Galeana, Coulson	3/27/2017	Metal	Iron	Can Key	metal can key
Nate Harrison	10050	9890	91	A	Sandy Loam	Galeana, Coulson	3/27/2017	Metal	Iron	Fragment	wire
Nate Harrison	10050	9890	91	A	Sandy Loam	Galeana, Coulson	3/27/2017	Metal	Iron	Nail	wire nail

APPENDIX B

Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
	No								1	unidentified bone fragment
burned	No		white						1	unidentified burned bone
iridescent patina	No		clear						1	concave, undecorated
iridescent patina	No		clear						1	fragment
machine cut nail	No								1	machine cut nail
	No								1	bone fragments
burned	No								2	burned bone fragments
	No		aqua						1	aqua glass fragment
"H" stamped on bottom, has orange colored sections	yes								1	casing with "H" stamped on bottom
fragment of whiteware	no		White						1	fragment of whiteware
Unid mm bone fragment	No								5	Unid Medium mammal bone fragment
Unid mm bone fragment	No		Black						1	Unid medium mammal bone fragment burned
bottle mouth	No		Brown						1	Brown bottle mouth
bottle mouth	No		Clear						1	clear glass mouth of a bottle
clear glass fragments	No		Clear						7	clear glass fragments
clear glass fragments with patena	No		Clear						7	clear glass fragments with patena
brown glass fragment	No		Brown						2	brown glass fragment
brow glass fragment with patena	no		Brown						3	Brown glass fragment with patena
blue glass fragment	No		blue						1	blue glass fragment
green glass fragment	No		green						1	Green Glass fragment
button	No								2	brass buttons
round eyelet	No		Black						1	Black metal eyelet
boston garter etched on bottom	Yes								2	Boston Garter garter clip
rivet	No								1	brass rivet
button	No								3	iron button
metal can key	No								1	metal can key
wire fragments	No								7	wire fragments
wire cut nail	No								10	wire cut nails

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	10050	9890	91	A	Sandy Loam	Galeana, Coulson	3/27/2017	Metal	Iron	Nail	machine cut
Nate Harrison	10050	9890	91	B	Sandy Loam	Galeana, Coulson	3/28/2017	Ceramic	Ceramic	fragments	Black ceramic fragments
Nate Harrison	10050	9890	91	B	Sandy Loam	Galeana, Coulson	3/28/2017	Ceramic	Ceramic	Whiteware	whiteware fragments
Nate Harrison	10050	9890	91	B	Sandy Loam	Galeana, Coulson	3/28/2017	fauna	bone	Bone fragments	Unknown bone fragments
Nate Harrison	10050	9890	91	B	Sandy Loam	Galeana, Coulson	3/28/2017	Fauna	Bone	craniaal fragment	cranial fragment
Nate Harrison	10050	9890	91	B	Sandy Loam	Galeana, Coulson	3/28/2017	Fauna	Bone	proximal tibia fragment	proximal tibia fragment
Nate Harrison	10050	9890	91	B	Sandy Loam	Galeana, Coulson	3/28/2017	glass	glass	Fragment	concave, undecorated
Nate Harrison	10050	9890	91	B	Sandy Loam	Galeana, Coulson	3/28/2017	glass	glass	fragment	concave, "BUC" present
Nate Harrison	10050	9890	91	B	Sandy Loam	Galeana, Coulson	3/28/2017	Glass	glass	fragments	Opaque, ridges present
Nate Harrison	10050	9890	91	B	Sandy Loam	Galeana, Coulson	3/28/2017	Glass	glass	fragments	concave, undecorated
Nate Harrison	10050	9890	91	B	Sandy Loam	Galeana, Coulson	3/28/2017	Glass	glass	fragments	Flat, possible bottom
Nate Harrison	10050	9890	91	B	Sandy Loam	Galeana, Coulson	3/28/2017	Glass	glass	fragments	Flat
Nate Harrison	10050	9890	91	B	Sandy Loam	Galeana, Coulson	3/28/2017	Glass	Glass	fragments	concave, undecorated
Nate Harrison	10050	9890	91	B	Sandy Loam	Galeana, Coulson	3/28/2017	Glass	Glass	fragments	concave, undecorated
Nate Harrison	10050	9890	91	B	Sandy Loam	Galeana, Coulson	3/28/2017	Metal	Alloy	Bullet Casing	fired casing
Nate Harrison	10050	9890	91	B	Sandy Loam	Galeana, Coulson	3/28/2017	Metal	Iron	Fragments	fragments
Nate Harrison	10050	9890	91	B	Sandy Loam	Galeana, Coulson	3/28/2017	Metal	iron	fragments	iron fragments
Nate Harrison	10050	9890	91	B	Sandy Loam	Galeana, Coulson	3/28/2017	Metal	Iron	iron can	round can base
Nate Harrison	10050	9890	91	B	Sandy Loam	Galeana, Coulson	3/28/2017	Metal	Iron	iron can	square can base
Nate Harrison	10050	9890	91	B	Sandy Loam	Galeana, Coulson	3/28/2017	Metal	Iron	Nails	wire cut nails
Nate Harrison	10050	9890	91	B	Sandy Loam	Galeana, Coulson	3/28/2017	Metal	Iron	Nails	machine cut nails
Nate Harrison	10050	9890	91	B	Sandy Loam	Galeana, Coulson	3/28/2017	Metal	Iron	wire	wire fragment
Nate Harrison	10050	9890	91	B	Sandy Loam	Galeana, Coulson	3/28/2017	Metal	unknown	Spoon	fragmented spoon
Nate Harrison	10050	9890	91	B	Sandy Loam	Galeana, Coulson	3/28/2017	Stone	stone	whetstone	whetstone
Nate Harrison	10050	9890	91	C	Sandy Loam	Galeana, Coulson	3/29/2017	Fauna	bone	bone fragments	unidentified fragments
Nate Harrison	10050	9890	91	C	Sandy Loam	Galeana, Coulson	3/29/2017	Fauna	Bone	Fire affected bone	unidentified bone fragment
Nate Harrison	10050	9890	91	C	Sandy Loam	Galeana, Coulson	3/29/2017	Glass	glass	fragment	undecorated
Nate Harrison	10050	9890	91	C	Sandy Loam	Galeana, Coulson	3/29/2017	metal	Iron	fragments	metal fragment
Nate Harrison	10050	9890	91	C	Sandy Loam	Galeana, Coulson	3/29/2017	Metal	Iron	nail	wire cut nail

APPENDIX B

Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
machine cut nail	No								6	machine cut nails
	No		black						2	black ceramic fragments
	no		white						2	whiteware fragments
	no								4	Unknown bone fragments
	no								1	cranium fragment
	No								1	proximal tibia fragment
iridescent patina	no		clear						1	concave, undecorated
iridescent patina	no		clear						1	concave, "BUC" present
opaque	No		white						1	opaque glass fragment, ridges present
	No		amber						2	concave, undecorated
	no		solarized amethyst						1	Flat, possible bottom
Flat	No		clear						2	flat
iridescent patina	No		clear						2	concave, undecorated
iridescent patina	No		amber						2	concave, undecorated
"WR. A. CO. 44 WCF" stamped on bottom	Yes								1	fired bullet casing
	No								18	metal fragments
	No								2	metal fragments
	No								1	round can base
	No								4	square can base
wire cut	No								2	wire cut nails
machine cut	no								2	machine cut nails
	No								1	wire fragments
	No								1	Fragmented Spoon
	No								1	whetstone
	no								2	bone fragments
fire affected	No		gray						1	fragmented gray colored fire affected bone
iridescent patina	No		clear						1	fragment
	No								20	Metal fragments
wire cut nail	No								2	wire cut nails

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	10050	9890	91	D	Sandy Loam	Galeana, Coulson	3/30/2017	Metal	Iron	fragments	metal fragments
Nate Harrison	10050	9890	91	E	Sandy Loam	Booth, Galeana	4/8/2017	Ceramic	Ceramic	whiteware fragment	whitewhate
Nate Harrison	10050	9890	91	E	Sandy Loam	Booth, Galeana	4/8/2017	Glass	Glass	Glass fragment	concave, undecorated
Nate Harrison	10050	9890	91	E	Sandy Loam	Booth, Galeana	4/8/2017	Glass	Glass	glass fragments	"FAT" "M" "LO" printed on surface
Nate Harrison	10050	9890	91	E	Sandy Loam	Booth, Galeana	4/8/2017	metal	alloy	Bullet Casing	fired casing
Nate Harrison	10050	9890	91	E	Sandy Loam	Booth, Galeana	4/8/2017	Metal	Iron	wire	wire fragments
Nate Harrison	10060	9895	92	A	Mixed Fill	Holm, Stanford	3/27/2017	Ceramic	ceramic	fragment	Black ceramic fragments
Nate Harrison	10060	9895	92	A	Mixed Fill	Shamoon	3/30/2017	Ceramic	Ceramic	sherd	ceramic sherd
Nate Harrison	10060	9895	92	A	Mixed Fill	Holm, Stanford	3/27/2017	Ceramic	white-ware	whiteware fragment	Has portion of Coat of Arms
Nate Harrison	10060	9895	92	A	Mixed Fill	Holm, Stanford	3/27/2017	Ceramic	white-ware	whiteware fragments	concave fragments
Nate Harrison	10060	9895	92	A	Mixed Fill	Shamoon	3/31/2017	Fauna	bone	avian bone	avian bone
Nate Harrison	10060	9895	92	A	Mixed Fill	Holm, Stanford	3/27/2017	Fauna	Bone	burned bone fragments	burned bone fragments
Nate Harrison	10060	9895	92	A	Mixed Fill	Shamoon	3/31/2017	Fauna	bone	burned fragments	burned bone fragments
Nate Harrison	10060	9895	92	A	Mixed Fill	Shamoon	3/31/2017	Fauna	bone	butchered cow rib	butchered cow rib
Nate Harrison	10060	9895	92	A	Mixed Fill	Holm, Stanford	3/27/2017	Fauna	bone	butchered long bone fragment	butchered long bone fragment
Nate Harrison	10060	9895	92	A	Mixed Fill	Holm, Stanford	3/27/2017	Fauna	bone	fragments	unknown bone fragments
Nate Harrison	10060	9895	92	A	Mixed Fill	Holm, Stanford	3/27/2017	Fauna	bone	Rib fragments	rib fragments
Nate Harrison	10060	9895	92	A	Mixed Fill	Holm, Stanford	3/27/2017	Fauna	bone	rodent bone	rodent radius
Nate Harrison	10060	9895	92	A	Mixed Fill	Holm, Stanford	3/27/2017	Fauna	bone	unidentified bone fragments	unidentified bone fragments
Nate Harrison	10060	9895	92	A	Mixed Fill	Holm, Stanford	3/27/2017	Fauna	bone	unidentified burned bone fragments	unidentified burned bone
Nate Harrison	10060	9895	92	A	Mixed Fill	Shamoon	3/31/2017	Fauna	bone	unknown fragment	Unknown bone fragments
Nate Harrison	10060	9895	92	A	Mixed Fill	Holm, Stanford	3/28/2017	Fauna	Shell	button	shell button
Nate Harrison	10060	9895	92	A	Mixed Fill	Holm, Stanford	3/27/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10060	9895	92	A	Mixed Fill	Holm, Stanford	3/27/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10060	9895	92	A	Mixed Fill	Holm, Stanford	3/27/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10060	9895	92	A	Mixed Fill	Holm, Stanford	3/27/2017	Glass	Glass	Fragments	flat, undecorated
Nate Harrison	10060	9895	92	A	Mixed Fill	Holm, Stanford	3/27/2017	Glass	Glass	Fragments	concave, undecorated
Nate Harrison	10060	9895	92	A	Mixed Fill	Holm, Stanford	3/27/2017	Glass	Glass	Fragments	concave, undecorated

APPENDIX B

Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
	No								3	metal fragments
	No		white						1	white ware fragment
	No		aqua						1	concave, undecorated
"FAT" "M" "LO" printed on surface, Iridescent patina	No		brown						1	"FAT" "M" "LO" printed on surface
"W.R. CO 38 S"	Yes								1	fired bullet casing with "WR CO 38 S" stamped on bottom
	No								2	wire fragments
	no		black						1	black ceramic fragment
possible NA origin	No		dark grey						1	ceramic sherd
	yes		white						1	whiteware fragment with coat of arms
	no		white						2	whiteware fragments
	No								1	avian bone
burned	no								3	burned bone fragments
burned	No								2	burned bone fragments
butchered	No								1	butchered cow rib
butchered	No								3	butchered long bone fragment
	No								2	unknown bone fragments
	No								2	rib fragments
	No								1	rodent radius
unidentified mammal	No								12	unidentified mammal fragments
burned	No								1	burned bone fragments
	No								1	Unknown bone fragments
	no								1	shell button
burned?	No		clear						1	possibly burned clear glass fragment
found in west bulk	No		yellow						1	yellow glass fragment
found in west bulk	No		brown						1	brown glass fragment
iridescent patina	no		clear						4	flat, iridescent patina
iridescent patina	no		solarized amethyst						1	concave, iridescent patina
	no		aqua						8	concave, undecorated

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	10060	9895	92	A	Mixed Fill	Holm, Stanford	3/27/2017	Glass	Glass	Fragments	concave, undecorated
Nate Harrison	10060	9895	92	A	Mixed Fill	Holm, Stanford	3/27/2017	Glass	Glass	Fragments	concave, lipped
Nate Harrison	10060	9895	92	A	Mixed Fill	Holm, Stanford	3/27/2017	Glass	Glass	Fragments	concave, has seam
Nate Harrison	10060	9895	92	A	Mixed Fill	Holm, Stanford	3/27/2017	Glass	Glass	Fragments	concave, undecorated
Nate Harrison	10060	9895	92	A	Mixed Fill	Holm, Stanford	3/27/2017	Glass	Glass	Fragments	concave, has portion of screw top
Nate Harrison	10060	9895	92	A	Mixed Fill	Holm, Stanford	3/27/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10060	9895	92	A	Mixed Fill	Holm, Stanford	3/27/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10060	9895	92	A	Mixed Fill	Holm, Stanford	3/27/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10060	9895	92	A	Mixed Fill	Holm, Stanford	3/28/2017	Glass	Glass	Fragments	concave, possible bottom fragment
Nate Harrison	10060	9895	92	A	Mixed Fill	Holm, Stanford	3/27/2017	Metal	alloy	possible metal ferrule	smashed metal ferrule with markings
Nate Harrison	10060	9895	92	A	Mixed Fill	Holm, Stanford	3/27/2017	Metal	Iron	fragments	metal fragments
Nate Harrison	10060	9895	92	A	Mixed Fill	Holm, Stanford	3/27/2017	Metal	Iron	nails	machine cut nails
Nate Harrison	10060	9895	92	A	Mixed Fill	Holm, Stanford	3/27/2017	Metal	Iron	nails	wire cut nails
Nate Harrison	10060	9895	92	A	Mixed Fill	Holm, Stanford	3/27/2017	Metal	Iron	nails	small wire cut nails
Nate Harrison	10060	9895	92	A	Mixed Fill	Shamoon	3/30/2017	Metal	Iron	Nails	wire cut nails
Nate Harrison	10060	9895	92	A	Mixed Fill	Holm, Stanford	3/27/2017	Metal	Iron	staple	metal staple
Nate Harrison	10060	9895	92	A	Mixed Fill	Holm, Stanford	3/27/2017	Metal	Iron	wire fragments	wire fragments
Nate Harrison	10060	9895	92	A	Mixed Fill	Holm, Stanford	3/27/2017	Other	rubber	set of tubes connected in a corner shape	three tubes connected in such a way as to make a corner
Nate Harrison	10060	9895	92	A	Mixed Fill	Holm, Stanford	3/27/2017	Stone	quartzite	quartzite	quartz
Nate Harrison	10060	9895	92	B	Mixed Fill	Holm, Stanford	3/27/2017	Fauna	Bone	burned bone fragments	burned bone fragments
Nate Harrison	10060	9895	92	B	Mixed Fill	Holm, Stanford	3/27/2017	Fauna	Bone	epiphysis	distal epiphysis
Nate Harrison	10060	9895	92	B	Mixed Fill	Holm, Stanford	3/27/2017	Fauna	bone	fragments	Unknown bone fragments
Nate Harrison	10060	9895	92	B	Mixed Fill	Holm, Stanford	3/27/2017	Fauna	bone	ulna fragment	proximal end
Nate Harrison	10060	9895	92	B	Mixed Fill	Holm, Stanford	3/27/2017	Fauna	Bone	unknown bone fragments	unknown bone fragments
Nate Harrison	10060	9895	92	B	Mixed Fill	Holm, Stanford	3/27/2017	Fauna	bone	vertebrae	small mammal vertebrae
Nate Harrison	10060	9895	92	B	Mixed Fill	Holm, Stanford	3/27/2017	Fauna	Bone	vertebrae fragment	vertebrae fragment
Nate Harrison	10060	9895	92	B	Mixed Fill	Holm, Stanford	3/27/2017	Fauna	tooth	teeth fragments	teeth fragment

APPENDIX B

Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
iridescent patina	no		brown						12	concave, undecorated
possible bottleneck	no		brown						1	possible bottleneck
seam present	no		brown						1	seam present
iridescent patina	no		clear						23	concave, undecorated
has portion of screw top	no		clear						1	has portion of screw top
iridescent patina	No		amber						2	amber glass fragments
iridescent patina	No		solarized amethyst						3	amethyst glass fragment
iridescent patina	No		clear						3	clear glass fragments
bottom fragment	no		clear						1	possible square bottom fragment
	yes								1	metal ferrule with markings
	no								15	metal fragments
machine cut	no								8	machine cut nails
wire cut	no								12	wire cut nails
small, wire cut	no								4	small wire cut nails
wire cut	No								5	wire cut nails
	no								1	metal staple
	no								11	wire fragments
	no								1	tubes connected to make a corner
	no								2	quartz
burned	no								2	burned bone fragments
	no								1	distal epiphysis
	No								5	bone fragments
	No								1	ulna fragment
	no								21	Unknown bone fragments
	No								1	small mammal vertebrae
	no								1	vertebrae fragment
	no								2	teeth fragments

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	10060	9895	92	B	Mixed Fill	Holm, Stanford	3/27/2017	Glass	glass	fragment	concave, undecorated
Nate Harrison	10060	9895	92	B	Mixed Fill	Holm, Stanford	3/27/2017	Glass	glass	fragment	rim fragments
Nate Harrison	10060	9895	92	B	Mixed Fill	Holm, Stanford	3/27/2017	Metal	alloy	rivet	metal rivet
Nate Harrison	10060	9895	92	B	Mixed Fill	Holm, Stanford	3/27/2017	Metal	iron	button	metal button
Nate Harrison	10060	9895	92	B	Mixed Fill	Holm, Stanford	3/27/2017	metal	iron	can	square can
Nate Harrison	10060	9895	92	B	Mixed Fill	Holm, Stanford	3/27/2017	metal	iron	can	thin rectangular can
Nate Harrison	10060	9895	92	B	Mixed Fill	Holm, Stanford	3/27/2017	metal	iron	can	flattened can
Nate Harrison	10060	9895	92	B	Mixed Fill	Holm, Stanford	3/27/2017	Metal	Iron	Fragments	metal fragments
Nate Harrison	10060	9895	92	B	Mixed Fill	Holm, Stanford	3/27/2017	Metal	Iron	Hinge	small rectangular hinge
Nate Harrison	10060	9895	92	B	Mixed Fill	Holm, Stanford	3/27/2017	Metal	Iron	Nails	machined nails
Nate Harrison	10060	9895	92	B	Mixed Fill	Holm, Stanford	3/27/2017	Metal	Iron	Nails	wire nails
Nate Harrison	10060	9895	92	B	Mixed Fill	Holm, Stanford	3/27/2017	Metal	Iron	Wire	wire fragments
Nate Harrison	10060	9895	92	B	Mixed Fill	Holm, Stanford	3/27/2017	Metal	Unknown	Fragment	circular base with four tabs
Nate Harrison	10060	9895	92	B	Sandy Loam	Holm	4/8/2017	Fauna	Bone	unidentified bone fragment	unidentified bone fragment
Nate Harrison	10060	9895	92	B	Sandy Loam	Holm	4/8/2017	Glass	glass	fragment	concave, undecorated
Nate Harrison	10060	9895	92	B	Sandy Loam	Holm	4/8/2017	glass	glass	fragment	concave, undecorated
Nate Harrison	10060	9895	92	B	Sandy Loam	Holm	4/8/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10060	9895	92	B	Sandy Loam	Holm	4/8/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10060	9895	92	B	Sandy Loam	Holm	4/8/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10060	9895	92	B	Sandy Loam	Holm	4/8/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10060	9895	92	B	Sandy Loam	Holm	4/9/2017	Metal	iron	can	tobacco can
Nate Harrison	10060	9895	92	B	Sandy Loam	Holm	4/8/2017	Metal	iron	fragment	metal fragment0
Nate Harrison	10060	9895	92	B	Sandy Loam	Holm	4/8/2017	Metal	iron	key	sardine key
Nate Harrison	10060	9895	92	B	Sandy Loam	Holm	4/8/2017	Metal	iron	nail	wire nail
Nate Harrison	10060	9895	92	B	Sandy Loam	Holm	4/8/2017	Metal	Iron	wire	wire fragment
Nate Harrison	10060	9895	92	B	Sandy Loam	Holm	4/8/2017	Stone	Quartz	Quartz	quartz fragment
Nate Harrison	10060	9895	92	C	Sandy Loam	Holm, Stanford	3/29/2017	Ceramic	Flow Blue	Fragment	flow blue fragment
Nate Harrison	10060	9895	92	C	Sandy Loam	Holm	3/30/2017	Ceramic	white ware	fragments	whiteware fragments
Nate Harrison	10060	9895	92	C	Sandy Loam	Holm, Stanford	3/29/2017	Ceramic	White-ware	Fragment	rim fragment
Nate Harrison	10060	9895	92	C	Sandy Loam	Holm, Stanford	3/29/2017	Fauna	Bone	butchered rib	butchered bos rib
Nate Harrison	10060	9895	92	C	Sandy Loam	Holm, Stanford	3/29/2017	Fauna	Bone	butchered rib	butchered bos rib
Nate Harrison	10060	9895	92	C	Sandy Loam	Holm, Stanford	3/29/2017	Fauna	Bone	fragment	scapula fragment

APPENDIX B

Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
iridescent patina	No		clear						3	fragments
iridescent patina	No		clear						2	rim fragments
	No								1	metal rivet
	No								2	metal button broken at base
	No								1	square can
	No								1	thin rectangular can
	No								1	flattened metal can
rusted	No								42	metal fragments
rusted, two holes for screws on each side	No								1	small rectangular hinge
rusted, some complete	No								7	machined nails
rusted, many complete	No								15	wire nails
rusted	No								8	wire fragments
flattened, with tabs outside	No								1	circular base with four tabs
	No								1	unidentified bone fragment
iridescent patina	no		clear						1	concave, undecorated
	no		brown						1	concave, undecorated
rim fragment?	No		solarized amethyst						1	amethyst glass fragment
white patina	No		aqua						6	aqua glass fragments
	No		amber						2	amber glass fragments
white and iridescent patina	No		clear						13	clear glass fragments
"Old English curve cut tobacco"	yes								1	"Old English style curve cut tobacco" can
metal fragments	No								10	metal fragments
	No								1	sardine key
wire cut nail	No								1	metal wire nail
iron wire fragment	No								1	iron wire fragment
	No								1	quartz
	No		white/blue						1	flow blue fragment with floral design
	No								2	whiteware fragments
	No		white						1	whiteware rim fragment
butchered	No								1	butchered bos rib
butchered	No								1	butchered bos rib
	No								1	scapula fragment

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	10060	9895	92	C	Sandy Loam	Holm, Stanford	3/29/2017	Fauna	Bone	fragment	unknown animal fragments
Nate Harrison	10060	9895	92	C	Sandy Loam	Holm, Stanford	3/29/2017	Fauna	bone	fragment	unknown bone fragments
Nate Harrison	10060	9895	92	C	Sandy Loam	Holm, Stanford	3/29/2017	Fauna	bone	fragments	burned bone fragments
Nate Harrison	10060	9895	92	C	Sandy Loam	Holm, Stanford	3/29/2017	Fauna	bone	fragments	bone fragments
Nate Harrison	10060	9895	92	C	Sandy Loam	Holm, Stanford	3/29/2017	Fauna	bone	fragments	small mammal fragments
Nate Harrison	10060	9895	92	C	Sandy Loam	Holm, Stanford	3/29/2017	Fauna	Bone	fragments	burned bone fragments
Nate Harrison	10060	9895	92	C	Sandy Loam	Holm, Stanford	3/29/2017	Fauna	Bone	Mandible Fragment	bos mandible fragment
Nate Harrison	10060	9895	92	C	Sandy Loam	Holm, Stanford	3/29/2017	Fauna	Bone	Unidentified bone fragments	unidentified bone fragments
Nate Harrison	10060	9895	92	C	Sandy Loam	Holm, Stanford	3/29/2017	Fauna	Bone	Unidentified butchered bone fragments	unidentified butchered bone
Nate Harrison	10060	9895	92	C	Sandy Loam	Holm, Stanford	3/29/2017	Fauna	Bone	unidentified rib	unidentified rib
Nate Harrison	10060	9895	92	C	Sandy Loam	Holm	3/30/2017	Fauna	shell	button	shell button
Nate Harrison	10060	9895	92	C	Sandy Loam	Shamoon	3/31/2017	Fauna	shell	shell fragment	shell fragment
Nate Harrison	10060	9895	92	C	Sandy Loam	Holm, Stanford	3/29/2017	Fauna	tooth	fragments	teeth fragment
Nate Harrison	10060	9895	92	C	Sandy Loam	Holm, Stanford	3/29/2017	Fauna	Tooth	incisor	incisor
Nate Harrison	10060	9895	92	C	Sandy Loam	Holm, Stanford	3/30/2017	glass	Glass	Base Fragment	possible bottle base
Nate Harrison	10060	9895	92	C	Sandy Loam	Holm, Stanford	3/30/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10060	9895	92	C	Sandy Loam	Holm, Stanford	3/29/2017	Glass	glass	fragment	concave, undecorated
Nate Harrison	10060	9895	92	C	Sandy Loam	Holm	3/30/2017	Metal	alloy	casing	long casing with "WRA CO 30 WCF" stamped on bottom
Nate Harrison	10060	9895	92	C	Sandy Loam	Holm, Stanford	3/29/2017	metal	alloy	rivet	metal rivet
Nate Harrison	10060	9895	92	C	Sandy Loam	Holm	3/30/2017	Metal	iron	button	pants button
Nate Harrison	10060	9895	92	C	Sandy Loam	Holm, Stanford	3/29/2017	Metal	Iron	Can	circular can
Nate Harrison	10060	9895	92	C	Sandy Loam	Holm, Stanford	3/29/2017	Metal	iron	can	sardine can
Nate Harrison	10060	9895	92	C	Sandy Loam	Holm, Stanford	3/29/2017	Metal	iron	can	can base
Nate Harrison	10060	9895	92	C	Sandy Loam	Holm, Stanford	3/29/2017	Metal	iron	can	sardine can
Nate Harrison	10060	9895	92	C	Sandy Loam	Holm, Stanford	3/29/2017	Metal	iron	can	can fragment
Nate Harrison	10060	9895	92	C	Sandy Loam	Holm, Stanford	3/29/2017	Metal	iron	fragments	metal fragments
Nate Harrison	10060	9895	92	C	Sandy Loam	Holm, Stanford	3/29/2017	metal	iron	hinge	metal hinge
Nate Harrison	10060	9895	92	C	Sandy Loam	Holm, Stanford	3/29/2017	Metal	iron	key	sardine key

APPENDIX B

Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
	No								15	unknown animal fragments
	no								3	Unknown bone fragments
burned	No								8	burned bone fragments
	No								10	bone fragments
	No								5	small mammal fragments
burned	No								2	unknown burned bone fragments
butchered	No								1	butchered bos mandible fragment
	No								34	Unidentified bone fragments
butchered	No								1	unidentified butchered bone
	No								1	unidentified rib
shell button	No								1	shell button
	No								1	shell fragment
	No								4	teeth fragments
	no								1	incisor
concave base with thick rim	No		aqua						1	possible bottle base
	No		aqua						1	aqua glass fragment
iridescent patina	No		clear						15	fragments
"WRA CO 30 WCF" stamped on bottom	yes								1	casing with "WRA CO 30 WCF" stamped on bottom
	No								1	Metal Rivet
metal pants button	No								2	metal pants button
rusted	No								1	circular can
	No								2	sardine can
	No								1	can base
	No								1	sardine can
	No								1	can fragment
	No								59	metal fragments
	No								1	Iron hinge
	No								1	sardine key

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	10060	9895	92	C	Sandy Loam	Holm, Stanford	3/29/2017	Metal	Iron	nail	machine cut
Nate Harrison	10060	9895	92	C	Sandy Loam	Holm, Stanford	3/29/2017	Metal	Iron	nail	wire cut
Nate Harrison	10060	9895	92	C	Sandy Loam	Shamoon	3/31/2017	Metal	Iron	nail	machine cut nail
Nate Harrison	10060	9895	92	C	Sandy Loam	Holm, Stanford	3/29/2017	Metal	iron	staple	metal staple
Nate Harrison	10060	9895	92	C	Sandy Loam	Holm, Stanford	3/29/2017	Metal	Iron	washer	metal washer
Nate Harrison	10060	9895	92	C	Sandy Loam	Holm, Stanford	3/29/2017	Metal	Iron	Wire	fragments
Nate Harrison	10060	9895	92	C	Sandy Loam	Holm, Stanford	3/30/2017	Stone	ground stone	matate fragment	groundstone matate fragment - broken in half
Nate Harrison	10060	9895	92	C	Sandy Loam	Holm, Stanford	3/29/2017	stone	obsidian	fragment	fragment with cut edges
Nate Harrison	10060	9895	92	D	Sandy Loam	Holm, Stanford	3/30/2017	Ceramic	Ceramic	sherd	ceramic sherd
Nate Harrison	10060	9895	92	D	Sandy Loam	Holm, Stanford	3/30/2017	Fauna	bone	burned bone fragments	burned bone fragments
Nate Harrison	10060	9895	92	D	Sandy Loam	Holm, Stanford	3/30/2017	fauna	bone	cranial fragment	cranial fragment
Nate Harrison	10060	9895	92	D	Sandy Loam	Holm, Stanford	3/30/2017	Fauna	bone	cranial fragment	cranial fragment
Nate Harrison	10060	9895	92	D	Sandy Loam	Holm, Stanford	3/30/2017	Fauna	Bone	fragment	butchered bone fragment
Nate Harrison	10060	9895	92	D	Sandy Loam	Holm, Stanford	3/30/2017	Fauna	Bone	fragment	bone fragments
Nate Harrison	10060	9895	92	D	Sandy Loam	Holm, Stanford	3/30/2017	Fauna	bone	mandible fragment	mandible fragment
Nate Harrison	10060	9895	92	D	Sandy Loam	Holm, Stanford	3/30/2017	Fauna	bone	rib fragments	butchered rib fragments
Nate Harrison	10060	9895	92	D	Sandy Loam	Holm, Stanford	3/30/2017	Fauna	bone	rib fragments	rib fragments
Nate Harrison	10060	9895	92	D	Sandy Loam	Holm, Stanford	3/30/2017	Fauna	bone	scapula	scapula fragment
Nate Harrison	10060	9895	92	D	Sandy Loam	Holm, Stanford	3/30/2017	Fauna	bone	scapula	scapula fragment
Nate Harrison	10060	9895	92	D	Sandy Loam	Holm, Stanford	3/30/2017	Fauna	bone	small mammal fragments	small mammal fragments
Nate Harrison	10060	9895	92	D	Sandy Loam	Holm, Stanford	3/30/2017	fauna	bone	unidentified burned animal fragments	unidentified burned bone
Nate Harrison	10060	9895	92	D	Sandy Loam	Holm, Stanford	3/30/2017	Fauna	bone	unknown animal fragments	unknown animal fragments
Nate Harrison	10060	9895	92	D	Sandy Loam	Holm, Stanford	3/30/2017	Fauna	tooth	fragments	teeth fragment
Nate Harrison	10060	9895	92	D	Sandy Loam	Holm, Stanford	3/30/2017	Flora	Peach	Pit	peach pit
Nate Harrison	10060	9895	92	D	Sandy Loam	Holm, Stanford	3/30/2017	Flora	Rock	Rock piece	possibly modified
Nate Harrison	10060	9895	92	D	Sandy Loam	Holm, Stanford	3/30/2017	Flora	Wood	Charcoal	charcoal
Nate Harrison	10060	9895	92	D	Sandy Loam	Holm, Stanford	3/30/2017	Glass	glass	fragment	concave, undecorated

APPENDIX B

	Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
	machine cut nail	No								4	machine cut nails
	wire cut nail	No								19	wire cut nails
	machine cut	No								1	machine cut nail
		No								1	metal staple
		No								1	iron washer
	wire fragments	No								4	wire fragments
	broken in half	No								1	groundstone metate fragment - broken in half
		No		Black						1	cut obsidan fragment
	possible NA origin	No		dark grey						1	ceramic sherd
	burned	no								8	burned bone fragments
		No								2	cranial fragments - mends together
		No								1	cranial fragment
	butchered	no								1	butchered bone fragments
		no								1	bone fragment
		no								1	mandible fragment
	butchered	no								2	butchered rib fragments
		no								1	rib fragments
	butchered	no								1	scapula fragment
		no								1	scapula fragment
		no								4	small mammal fragments
	burned	No								7	burned animal fragment
		no								104	unknown animal fragments
		no								8	teeth fragments
		No								1	peach pit
		No								1	possibly modified rock
		No								11	charcoal
	iridescent patina	No		clear						2	fragments

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	10060	9895	92	D	Sandy Loam	Holm, Stanford	3/30/2017	Glass	glass	fragment	concave, undecorated
Nate Harrison	10060	9895	92	D	Sandy Loam	Holm, Stanford	3/30/2017	Glass	glass	fragment	concave, undecorated
Nate Harrison	10060	9895	92	D	Sandy Loam	Holm, Stanford	3/30/2017	Glass	glass	fragment	concave, undecorated
Nate Harrison	10060	9895	92	D	Sandy Loam	Holm, Stanford	3/30/2017	Glass	glass	fragment	concave, undecorated
Nate Harrison	10060	9895	92	D	Sandy Loam	Holm, Stanford	3/30/2017	Glass	glass	fragment	concave, undecorated
Nate Harrison	10060	9895	92	D	Sandy Loam	Holm	4/8/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10060	9895	92	D	Sandy Loam	Holm	4/8/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10060	9895	92	D	Sandy Loam	Holm, Stanford	3/30/2017	metal	alloy	casing	casing with "H" stamped on bottom
Nate Harrison	10060	9895	92	D	Sandy Loam	Holm, Stanford	3/30/2017	metal	alloy	casing	casing with "H" stamped on bottom
Nate Harrison	10060	9895	92	D	Sandy Loam	Holm, Stanford	3/30/2017	metal	alloy	casing	casing with "P" stamped on bottom
Nate Harrison	10060	9895	92	D	Sandy Loam	Holm, Stanford	3/30/2017	Metal	alloy	ferrule	metal ferrule
Nate Harrison	10060	9895	92	D	Sandy Loam	Holm, Stanford	3/30/2017	Metal	alloy	Tack	decorative tack
Nate Harrison	10060	9895	92	D	Sandy Loam	Holm, Stanford	3/30/2017	Metal	iron	can	sardine cans
Nate Harrison	10060	9895	92	D	Sandy Loam	Holm, Stanford	3/30/2017	Metal	iron	can	sardine can
Nate Harrison	10060	9895	92	D	Sandy Loam	Holm, Stanford	3/30/2017	Metal	iron	Can	sardine can
Nate Harrison	10060	9895	92	D	Sandy Loam	Holm, Stanford	3/30/2017	Metal	iron	can	can fragments
Nate Harrison	10060	9895	92	D	Sandy Loam	Holm, Stanford	3/30/2017	Metal	iron	can	sardine can
Nate Harrison	10060	9895	92	D	Sandy Loam	Holm, Stanford	3/30/2017	Metal	iron	can	can base
Nate Harrison	10060	9895	92	D	Sandy Loam	Shamoon	3/31/2017	metal	iron	fragment	metal fragments
Nate Harrison	10060	9895	92	D	Sandy Loam	Holm, Stanford	3/30/2017	Metal	Iron	Fragments	metal fragments
Nate Harrison	10060	9895	92	D	Sandy Loam	Holm, Stanford	3/30/2017	Metal	iron	fragments	unknown metal fragments
Nate Harrison	10060	9895	92	D	Sandy Loam	Holm, Stanford	3/30/2017	Metal	iron	key	sardine key with metal wrapping
Nate Harrison	10060	9895	92	D	Sandy Loam	Holm	4/8/2017	Metal	iron	metal fragments	metal fragments
Nate Harrison	10060	9895	92	D	Sandy Loam	Holm	4/8/2017	Metal	iron	metal fragments	metal fragments
Nate Harrison	10060	9895	92	D	Sandy Loam	Shamoon	3/31/2017	Metal	iron	nail	wire cut nail
Nate Harrison	10060	9895	92	D	Sandy Loam	Shamoon	3/31/2017	Metal	iron	nail	machine cut nails
Nate Harrison	10060	9895	92	D	Sandy Loam	Shamoon	3/31/2017	Metal	Iron	nail	machine cut nail
Nate Harrison	10060	9895	92	D	Sandy Loam	Holm	4/8/2017	Metal	iron	nail	wire cut nails
Nate Harrison	10060	9895	92	D	Sandy Loam	Holm	4/8/2017	metal	iron	nail	machine cut nail
Nate Harrison	10060	9895	92	D	Sandy Loam	Holm	4/8/2017	Metal	iron	nail	wire cut nail
Nate Harrison	10060	9895	92	D	Sandy Loam	Holm, Stanford	3/30/2017	Metal	Iron	Nails	wire nails
Nate Harrison	10060	9895	92	D	Sandy Loam	Holm, Stanford	3/30/2017	Metal	Iron	Nails	mached nails
Nate Harrison	10060	9895	92	D	Sandy Loam	Holm, Stanford	3/30/2017	Metal	Iron	Staple	possible fence staple

APPENDIX B

Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
	No		brown						1	fragments
iridescent patina	No		clear						17	fragments
	No		aqua						3	fragments
iridescent patina	No		brown						4	fragments
iridescent patina	No		yellow						2	fragments
iridescent patina	No		clear						1	clear glass fragment
	No		aqua						1	aqua glass fragment
"H" stamped on bottom	yes								1	casing with "H" stamped on bottom
casing with "H" stamped on bottom	yes								1	casing with "H" stamped on bottom
casing with "P" stamped on bottom	yes								1	casing with "P" stamped on bottom
	no								1	metal ferrule
star in the middle of the flat head	Yes								1	decorative tack with star
	No								2	sardine cans
	No								1	sardine can
	no								1	sardine can
	no								2	can fragments
	No								1	sardine can
	No								1	can base
	No								13	metal fragments
rusted, some can edges	No								72	metal fragments
	no								2	unknown metal fragments
	no								4	sardine key with wrapping
	No								2	metal fragments
	No								6	metal fragments
wire cut	No								1	wire cut nail
machine cut	No								3	machine cut nails
	No								1	machine cut nail
wire cut	No								2	wire cut nails
	No								1	machine cut nail
	No								2	wire cut nails
rusted, most complete	No								19	wire nails, most complete
rusted, most complete	No								7	machined nails, most complete
rusted, one bent	No								2	possible fence staples

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	10060	9895	92	D	Sandy Loam	Holm, Stanford	3/30/2017	Metal	iron	unknown	unknown metal object - heavy 't' shaped
Nate Harrison	10060	9895	92	D	Sandy Loam	Holm, Stanford	3/30/2017	Metal	Iron	Wire	wire fragments
Nate Harrison	10060	9895	92	D	Sandy Loam	Holm	4/8/2017	Metal	Iron	wire fragment	wire fragment
Nate Harrison	10060	9895	92	D	Sandy Loam	Holm, Stanford	3/30/2017	Metal	Unknown	Fragment	rectangular metal piece
Nate Harrison	10060	9895	92	D	Sandy Loam	Holm, Stanford	3/30/2017	Metal	Unknown	Fragment	metal fragment
Nate Harrison	10060	9895	92	D	Sandy Loam	Holm, Stanford	3/30/2017	Metal	Unknown	Fragment	circular base with four tabs
Nate Harrison	10060	9895	92	D	Sandy Loam	Holm, Stanford	3/30/2017	Metal	Unknown	Grommet	circular grommet
Nate Harrison	10060	9895	92	D	Sandy Loam	Holm, Stanford	3/30/2017	Metal	Unknown	Stopper	possible bottle stopper
Nate Harrison	10060	9895	92	D	Sandy Loam	Holm, Stanford	3/30/2017	Metal	Unknown	tube	small tube
Nate Harrison	10060	9895	92	D	Sandy Loam	Holm, Stanford	3/30/2017	Metal	Unknown	tube	thin tube
Nate Harrison	10060	9895	92	D	Sandy Loam	Shamoon	3/31/2017	metal	Unknown	unknown metal strip	small metal strip
Nate Harrison	10060	9895	92	E	Sandy Loam	Holm, Stanford	3/31/2017	Fauna	Bone	Fragment	Maxilla
Nate Harrison	10060	9895	92	E	Sandy Loam	Holm, Stanford	3/31/2017	Fauna	Bone	Fragments	Fragment
Nate Harrison	10060	9895	92	E	Sandy Loam	Holm, Stanford	3/31/2017	Fauna	Bone	Fragments	Burned Fragments
Nate Harrison	10060	9895	92	E	Sandy Loam	Holm, Stanford	3/31/2017	Fauna	Bone	Fragments	Fragment
Nate Harrison	10060	9895	92	E	Sandy Loam	Holm, Stanford	3/31/2017	Fauna	Bone	Rib Fragment	Rib Fragments
Nate Harrison	10060	9895	92	E	Sandy Loam	Holm, Stanford	3/31/2017	Fauna	Bone	Rodent	Rodent Humerous
Nate Harrison	10060	9895	92	E	Sandy Loam	Holm, Stanford	3/31/2017	Fauna	Bone	Rodent Fragment	Fragment
Nate Harrison	10060	9895	92	E	Sandy Loam	Holm, Stanford	3/31/2017	Fauna	Bone	Vertebrae	Vertebrae
Nate Harrison	10060	9895	92	E	Sandy Loam	Holm, Stanford	3/31/2017	Fauna	Tooth	Rodent Incisor	Rodent incisor
Nate Harrison	10060	9895	92	E	Sandy Loam	Holm, Stanford	3/31/2017	Flora	Wood	Charcoal	Charcoal
Nate Harrison	10060	9895	92	E	Sandy Loam	Holm, Stanford	3/31/2017	Glass	Glass	Fragment	concave, undecorated
Nate Harrison	10060	9895	92	E	Sandy Loam	Holm, Stanford	3/31/2017	Glass	Glass	Fragment	thin, flat
Nate Harrison	10060	9895	92	E	Sandy Loam	Holm, Stanford	3/30/2017	Glass	glass	fragment	flat, undecorated
Nate Harrison	10060	9895	92	E	Sandy Loam	Holm, Stanford	3/31/2017	Metal	Alloy	Bullet Casing	bullet casing, fired
Nate Harrison	10060	9895	92	E	Sandy Loam	Holm	4/8/2017	metal	alloy	casing	Casing with "WRA CO 44 WCF" stamped on bottom
Nate Harrison	10060	9895	92	E	Sandy Loam	Holm, Stanford	3/31/2017	Metal	Fragment	Fragment	Fragment
Nate Harrison	10060	9895	92	E	sandy Loam	Holm, Shamoon	4/8/2017	metal	iron	fragment	metal fragments

APPENDIX B

Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
	No								1	unknown metal object - heavy, 't' shaped
two twisted into loops	No								8	wire fragments
	No								1	wire fragment
flattened	No								1	flattened rectangular metal piece
not rusted	No								1	metal fragment
flattened	No								1	circular base with four tabs
	No								1	circular grommet
heavy, maybe filled with lead	No								1	possible bottle stopper
one opening on bottom, two at top	No								1	small metal tube with double opening
slightly bent	No								1	thin tube
	No								1	small metal strip
Maxilla	no								1	Maxilla fragment
	No								11	Fragment
burned	no								6	burned
Fragments	No								2	Rib fragment
Rib fragments	No								4	Rib fragment
	No								1	Rodent Humerus
	No								1	Rodent Fragment
	No								1	Vertebrae
	No								1	Rodent Incisor
burned	no								1	Charcoal
iridescent patina	No		Amber						5	concave, iridescent patina
	No		Clear						3	thin, flat
	No		clear						1	fragment
stamped "P"	Yes								1	Bullet Casing
"WRA CO 44 WCF" stamped on bottom	yes								1	casing with "WRA CO 44 WCF" stamped on bottom
	No								4	Fragments
	no								3	metal fragments

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	10060	9895	92	E	Sandy Loam	Holm, Stanford	3/31/2017	Metal	Iron	horse shoe fragments	horse shoe fragments
Nate Harrison	10060	9895	92	E	Sandy Loam	Holm, Stanford	3/31/2017	Metal	Iron	Nail	Modern wire nail
Nate Harrison	10060	9895	92	E	Sandy Loam	Holm, Stanford	3/31/2017	Metal	Iron	Nail	Machine cut
Nate Harrison	10060	9895	92	E	Sandy Loam	Holm, Shamoon	4/8/2017	metal	iron	nail	wire cut
Nate Harrison	10060	9895	92	E	Sandy Loam	Holm, Stanford	3/31/2017	Metal	Iron	Sardine Key	Sardine key
Nate Harrison	10060	9895	92	E	Sandy Loam	Holm, Stanford	3/31/2017	Metal	Iron	Wire Fragment	wire
Nate Harrison	10060	9895	92	E	Sandy Loam	Holm, Stanford	3/31/2017	Metal	rivet	rivet	rivet
Nate Harrison	10060	9895	92	E	Sandy Loam	Holm, Stanford	3/31/2017	Metal	rivet	rivet	rivet
Nate Harrison	10060	9895	92	E	Sandy Loam	Holm, Stanford	3/31/2017	Other	Rubber	Pipe fragment	Pipe fragment
Nate Harrison	10060	9895	92	E	Sandy Loam	Holm, Stanford	3/31/2017	Rock	Quartz	Fragment	quartz-like
Nate Harrison	10055	9895	93	A	Mixed Fill	Moore, Timog	3/30/2017	Ceramic	White-ware	Fragment	rim fragment
Nate Harrison	10055	9895	93	A	Mixed Fill	Moore, Timog	3/30/2017	Fauna	bone	Fragments	burned bone fragments
Nate Harrison	10055	9895	93	A	Mixed Fill	Moore, Timog	3/30/2017	Fauna	bone	fragments	small mammal fragments
Nate Harrison	10055	9895	93	A	Mixed Fill	Moore, Timog	3/31/2017	Fauna	bone	fragments	unknown animal fragments
Nate Harrison	10055	9895	93	A	Mixed Fill	Moore, Timog	3/30/2017	Fauna	bone	long bone fragment	long bone fragment
Nate Harrison	10055	9895	93	A	Mixed Fill	Moore, Timog	3/29/2017	Fauna	bone	vertebrae	unknown vertebrae
Nate Harrison	10055	9895	93	A	Mixed Fill	Moore, Timog	3/30/2017	Fauna	tooth	fragments	tooth fragments
Nate Harrison	10055	9895	93	A	Mixed Fill	Moore, Timog	3/30/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10055	9895	93	A	Mixed Fill	Moore, Timog	3/30/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10055	9895	93	A	Mixed Fill	Moore, Timog	3/30/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10055	9895	93	A	Mixed Fill	Moore, Timog	3/30/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10055	9895	93	A	Mixed Fill	Moore, Timog	3/30/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10055	9895	93	A	Mixed Fill	Moore, Timog	3/30/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10055	9895	93	A	Mixed Fill	Moore, Timog	3/30/2017	Metal	alloy	unfired bullet	unfired bullet with "H" stamped on bottom
Nate Harrison	10055	9895	93	A	Mixed Fill	Moore, Timog	3/29/2017	Metal	Iron	button	button for pants
Nate Harrison	10055	9895	93	A	Mixed Fill	Moore, Timog	3/30/2017	Metal	Iron	fragments	iron fragments
Nate Harrison	10055	9895	93	A	Mixed Fill	Moore, Timog	3/29/2017	Metal	Iron	key	sardine key with metal wrapping
Nate Harrison	10055	9895	93	A	Mixed Fill	Moore, Timog	3/30/2017	Metal	Iron	nail	machine cut nail fragments
Nate Harrison	10055	9895	93	A	Mixed Fill	Moore, Timog	3/30/2017	Metal	Iron	Nail	wire cut nail

APPENDIX B

Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
fragmented horse shoe	No								3	horse shoe fragment
Round heads, various sizes	No								4	Modern wire nail, various sizes.
machine cut nail	no								2	Machine cut nail
wire cut nail	No								1	wire cut nail
complete key	No								1	Sardine key
	No								1	wire
	no								1	Rivet
L.S. & Co.	Yes								1	L. S. & Co.
	No								1	Pipe fragment
	No		White						1	Quartz Fragment
	No		white						1	whiteware rim fragment
burned	No								2	burned bone fragments
	No								2	small mammal fragments
	no								15	unknown animal fragments
	No								1	long bone fragment
	No								1	unknown vertebrae
	No								2	teeth fragments
	No		amber						1	amber glass fragment
iridescent patina, one is a possible base fragment?	No		solarized amethyst						2	amethyst glass fragments
iridescent patina	No		light brown						2	light brown glass fragments
iridescent patina	No		light amber						3	light amber glass fragments
white patina on one piece	No		aqua						3	aqua glass fragments
iridescent patina	No		clear						20	clear glass fragments
"H" stamped on bottom, unfired	yes								1	Unfired bullet with "H" stamped on bottom
pants button	No								2	metal pants button
	No								13	metal fragments
	No								1	Sardine key with metal wrapping
machine cut	No								2	machine cut nail
wire cut	No								13	wire cut nails

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	10055	9895	93	A	Mixed Fill	Moore, Timog	3/30/2017	Metal	iron	sardine can coil	sardine can coil
Nate Harrison	10055	9895	93	A	Mixed Fill	Moore, Timog	3/30/2017	Metal	iron	unknown tab	unknown metal tab
Nate Harrison	10055	9895	93	A	Mixed Fill	Moore, Timog	3/30/2017	Metal	Iron	wire fragment	wire fragments
Nate Harrison	10055	9895	93	B	Sandy Loam	Moore, Timog	3/31/2017	Ceramic	Yellowware	Fragments	yellowware fragments
Nate Harrison	10055	9895	93	B	Sandy Loam	Moore, Timog	3/31/2017	Ceramic	Yellowware	Fragments	yellowware base fragment
Nate Harrison	10055	9895	93	B	Sandy Loam	Moore, Timog	3/31/2017	Fauna	Bone	fragments	unidentified bone fragments
Nate Harrison	10055	9895	93	B	Sandy Loam	Moore, Timog	3/31/2017	Fauna	bone	fragments	burned bone fragments
Nate Harrison	10055	9895	93	B	Sandy Loam	Moore, Timog	3/31/2017	Fauna	Bone	fragments	bone fragments
Nate Harrison	10055	9895	93	B	Sandy Loam	Moore, Timog	3/31/2017	Fauna	tooth	fragment	molar fragment
Nate Harrison	10055	9895	93	B	Sandy Loam	Moore, Timog	3/31/2017	Flora	wood	button	wood button
Nate Harrison	10055	9895	93	B	Sandy Loam	Moore, Timog	3/31/2017	Glass	glass	fragment	concave, undecorated
Nate Harrison	10055	9895	93	B	Sandy Loam	Moore, Timog	3/31/2017	Glass	glass	fragment	concave, undecorated
Nate Harrison	10055	9895	93	B	Sandy Loam	Moore, Timog	3/31/2017	Glass	Glass	Bottle	bottle neck fragment
Nate Harrison	10055	9895	93	B	Sandy Loam	Moore, Timog	3/31/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10055	9895	93	B	Sandy Loam	Moore, Timog	3/31/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10055	9895	93	B	Sandy Loam	Moore, Timog	3/31/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10055	9895	93	B	Sandy Loam	Moore, Timog	3/31/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10055	9895	93	B	Sandy Loam	Moore, Timog	3/31/2017	Glass	Glass	Base fragment	possible bottle base
Nate Harrison	10055	9895	93	B	Sandy Loam	Moore, Timog	3/31/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10055	9895	93	B	Sandy Loam	Moore, Timog	3/31/2017	Metal	Iron	Can	Can fragment
Nate Harrison	10055	9895	93	B	Sandy Loam	Moore, Farnsworth	4/8/2017	Metal	iron	metal fragments	metal fragments
Nate Harrison	10055	9895	93	B	Sandy Loam	Moore, Timog	3/31/2017	Metal	Iron	Nails	wire nails
Nate Harrison	10055	9895	93	B	Sandy Loam	Moore, Farnsworth	4/8/2017	Metal	Iron	nails	machine cut nail fragments
Nate Harrison	10055	9895	93	B	Sandy Loam	Moore, Farnsworth	4/8/2017	Metal	iron	nails	wire cut nails
Nate Harrison	10055	9895	93	B	Sandy Loam	Moore, Farnsworth	4/8/2017	Metal	iron	sardine can lid	rolled sardine can lid
Nate Harrison	10055	9895	93	B	Sandy Loam	Moore, Timog	3/31/2017	Metal	iron	tool	tool with pointy bit
Nate Harrison	10055	9895	93	B	Sandy Loam	Moore, Farnsworth	4/8/2017	Metal	Iron	wire	wire fragments

APPENDIX B

Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
	No								1	sardine can coil
	No								1	unknown metal tab
	No								5	wire fragments
one rim fragment, mended to another fragment - yellow on one side, yellow and white on the other	No		white/yellow						2	yellowware fragments
base fragment with a raised rim, mostly yellow with a white corner	No		white/yellow						1	yellowware base fragment
	No								10	Unidentified bone fragments
burned	No								8	burned bone fragments
	No								2	bone fragments
	no								1	tooth fragment
black paint cracking	No								1	wood button
iridescent patina	no		clear						1	fragment
	no		amber						1	fragment
iridescent and white patina, ring below lip of bottle and some shoulder present	No		amber						1	amber bottle neck fragment
	No		aqua						1	aqua glass fragment
	No		yellow						2	yellow glass fragments
iridescent patina	No		clear						3	clear glass fragments
	No		light amber						1	amber glass fragment
iridescent patina, has "I C H" and part of another letter visible	Yes		amber						1	amber glass fragment with "ICH"
iridescent patina, thick rim on bottom	No		clear						1	clear base fragment
white patina	No		amber						3	amber glass fragments
"KC baking powder"	Yes								1	can fragment
	No								13	metal fragments
rusted, complete	No								2	wire nails
	No								2	machine cut nail fragments
	No								13	wire cut nails
	No								1	rolled sardine can lid
	No								1	tool with pointy bit
	No								8	wire fragments

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	10055	9895	93	B	Sandy Loam	Moore, Timog	3/31/2017	Metal	Iron	Fragment	metal fragment
Nate Harrison	10055	9895	93	C	Sandy Loam	Moore, Farnsworth	4/8/2017	Fauna	bone	epiphysis	ovis distal epiphysis
Nate Harrison	10055	9895	93	C	Sandy Loam	Moore, Farnsworth	4/8/2017	Fauna	bone	fragment	unknown butchered bone fragment
Nate Harrison	10055	9895	93	C	Sandy Loam	Farnsworth, Moore, Shamoan	4/8/2017	fauna	bone	fragments	unidentified small mammal fragments
Nate Harrison	10055	9895	93	C	Sandy Loam	Moore, Farnsworth	4/8/2017	Fauna	Bone	Fragments	Unknown bone fragments
Nate Harrison	10055	9895	93	C	Sandy Loam	Moore, Farnsworth	4/8/2017	Fauna	Bone	fragments	unknown animal fragments
Nate Harrison	10055	9895	93	C	Sandy Loam	Moore, Farnsworth	4/8/2017	Fauna	bone	fragments	burned bone fragments
Nate Harrison	10055	9895	93	C	Sandy Loam	Moore, Farnsworth	4/8/2017	Fauna	bone	fragments	unknown bone fragments
Nate Harrison	10055	9895	93	C	Sandy Loam	Moore, Farnsworth	4/8/2017	Fauna	bone	maxilla	maxilla fragment
Nate Harrison	10055	9895	93	C	Sandy Loam	Moore, Farnsworth	4/8/2017	Fauna	bone	phalange	possible canine phalange
Nate Harrison	10055	9895	93	C	Sandy Loam	Moore, Farnsworth	4/8/2017	Fauna	bone	vertebrae	vertebrae fragment
Nate Harrison	10055	9895	93	C	Sandy Loam	Moore, Farnsworth	4/8/2017	Fauna	tooth	fragment	tooth fragment
Nate Harrison	10055	9895	93	C	Sandy Loam	Moore, Farnsworth	4/8/2017	Fauna	tooth	incisor	canine incisor
Nate Harrison	10055	9895	93	C	Sandy Loam	Moore, Farnsworth	4/8/2017	Fauna	tooth	molar	molar
Nate Harrison	10055	9895	93	C	Sandy Loam	Moore, Farnsworth	4/8/2017	Flora	wood	button	wood button
Nate Harrison	10055	9895	93	C	Sandy Loam	Moore, Farnsworth	4/8/2017	Glass	Glass	Base Fragment	possible bottle base
Nate Harrison	10055	9895	93	C	Sandy Loam	Moore, Farnsworth	4/8/2017	Glass	Glass	Fragment	large glass fragment
Nate Harrison	10055	9895	93	C	Sandy Loam	Moore, Farnsworth	4/8/2017	Glass	Glass	Fragment	concave, undecorated
Nate Harrison	10055	9895	93	C	Sandy Loam	Moore, Farnsworth	4/8/2017	Glass	Glass	Fragment	concave, has rim threading
Nate Harrison	10055	9895	93	C	Sandy Loam	Moore, Farnsworth	4/8/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10055	9895	93	C	Sandy Loam	Moore, Farnsworth	4/8/2017	metal	alloy	rivet	rivet for clothing
Nate Harrison	10055	9895	93	C	Sandy Loam	Moore, Farnsworth	4/9/2017	Metal	alloy	rivet	rivet for clothing
Nate Harrison	10055	9895	93	C	Sandy Loam	Moore, Farnsworth	4/8/2017	Metal	alloy	suspender clip	suspender clip
Nate Harrison	10055	9895	93	C	Sandy Loam	Farnsworth, Moore, Shamoan	4/8/2017	Metal	Iron	bottom fragment	bucket bottom
Nate Harrison	10055	9895	93	C	Sandy Loam	Moore, Farnsworth	4/8/2017	Metal	iron	button	pants button
Nate Harrison	10055	9895	93	C	Sandy Loam	Moore, Farnsworth	4/8/2017	Metal	Iron	can	metal can
Nate Harrison	10055	9895	93	C	Sandy Loam	Moore, Farnsworth	4/8/2017	Metal	Iron	can	oval can
Nate Harrison	10055	9895	93	C	Sandy Loam	Moore, Farnsworth	4/8/2017	Metal	iron	can	Sardine can

APPENDIX B

	Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
	rusted	No								1	metal fragment
		no								1	ovis distal epiphysis
	butchered	No								1	unknown butchered bone fragments
	small mammal	No								5	unidentified small mammal fragments
		No								8	Unknown bone fragments
		No								13	unknown animal fragments
	burned	no								3	burned bone fragments
		No								2	Unknown bone fragments
		No								1	Maxilla fragment
		No								1	possible canine phalange
		No								3	vertebrae fragments
		No								1	unknown tooth fragments
		No								1	canine incisor
		No								1	molar
	black paint with red dots	No								1	wood button
	ring in the middle with line diagonally across it	Yes		clear						1	possible bottle base with circle and line on bottom
	iridescent patina	No		clear						1	clear large glass fragment
	iridescent patina	No		clear						5	fragments
	iridescent patina	No		clear						1	fragment
	iridescent patina	No		clear						10	clear glass fragments
	rivet for clothing	No								1	metal rivet for clothing
		No								1	rivet for clothing
	metal suspender clip	No								1	metal suspenders clip
	edges protruding upwards	No								1	Bucket bottom
	metal pants button	No								1	metal pants button
		no								1	metal can
	oval shaped	no								1	oval can
		No								1	sardine can

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	10055	9895	93	C	Sandy Loam	Moore, Farnsworth	4/8/2017	Metal	iron	can	sardine can
Nate Harrison	10055	9895	93	C	Sandy Loam	Moore, Farnsworth	4/8/2017	Metal	iron	can	sardine can fragments
Nate Harrison	10055	9895	93	C	Sandy Loam	Moore, Farnsworth	4/8/2017	Metal	iron	can	circular can base
Nate Harrison	10055	9895	93	C	Sandy Loam	Moore, Farnsworth	4/8/2017	Metal	iron	can	fragment
Nate Harrison	10055	9895	93	C	Sandy Loam	Farnsworth, Moore, Shamoan	4/8/2017	Metal	iron	corkscrew	metal corkscrew with 'o' ring
Nate Harrison	10055	9895	93	C	Sandy Loam	Farnsworth, Moore, Shamoan	4/8/2017	Metal	iron	fragment	small metal fragments
Nate Harrison	10055	9895	93	C	Sandy Loam	Moore, Farnsworth	4/8/2017	Metal	Iron	Fragments	metal fragments
Nate Harrison	10055	9895	93	C	Sandy Loam	Moore, Farnsworth, Shamoan	4/8/2017	Metal	iron	fragments	metal fragments
Nate Harrison	10055	9895	93	C	Sandy Loam	Moore, Farnsworth	4/8/2017	Metal	Iron	Metal Oval	oval metal piece with two prongs
Nate Harrison	10055	9895	93	C	Sandy Loam	Moore, Farnsworth, Shamoan	4/8/2017	Metal	Iron	nail	wire cut nail
Nate Harrison	10055	9895	93	C	Sandy Loam	Moore, Farnsworth	4/8/2017	Metal	Iron	Nails	wire nails
Nate Harrison	10055	9895	93	C	Sandy Loam	Moore, Farnsworth, Shamoan	4/8/2017	Metal	Iron	screw	metal screw fragment
Nate Harrison	10055	9895	93	C	Sandy Loam	Moore, Farnsworth	4/8/2017	Metal	Iron	Wire	wire fragment
Nate Harrison	10055	9895	93	C	Sandy Loam	Moore, Farnsworth, Shamoan	4/8/2017	Metal	Iron	wire	wire fragments
Nate Harrison	10055	9895	93	C	Sandy Loam	Farnsworth, Moore, Shamoan	4/8/2017	Metal	Iron	Wires	various lengths of wire fragment
Nate Harrison	10055	9895	93	C	Sandy Loam	Moore, Farnsworth	4/8/2017	Metal	Unknown	Rivet	small circular rivet
Nate Harrison	10055	9895	93	C	Sandy Loam	Moore, Farnsworth	4/8/2017	metal	alloy	rivet	rivet for clothing
Nate Harrison	10055	9895	93	C	Sandy Loam	Moore, Farnsworth	4/8/2017	Metal	Iron	Nails	mached nails
Nate Harrison	10055	9895	93	C	Sandy Loam	Moore, Farnsworth	4/8/2017	Other	unknown	semicircular object	semicircular object with striations on one side. Possibly cap.
Nate Harrison	10055	9895	93	C	Sandy Loam	Moore, Farnsworth	4/8/2017	Stone	Stone	Whetstone	whetstone
Nate Harrison	10055	9895	93	D	Sandy Loam	Moore, Farnsworth	4/8/2017	Glass	Glass	Bottle	bottle fragment
Nate Harrison	10055	9895	93	D	Sandy Loam	Moore, Farnsworth	4/8/2017	Glass	Glass	Fragment	glass fragments
Nate Harrison	10055	9895	93	D	Sandy Loam	Moore, Farnsworth	4/8/2017	Metal	Iron	Fragment	metal fragment
Nate Harrison	10055	9895	93	D	Sandy Loam	Moore, Farnsworth	4/8/2017	Metal	Iron	can	can fragment
Nate Harrison	10060	9940	94	A	Root mat	Jenkins, Garcia	3/27/2017	Fauna	Bone	fragments	burned bone fragments
Nate Harrison	10060	9940	94	A	Root mat	Jenkins, Garcia	3/27/2017	Fauna	bone	fragments	small mammal fragments

APPENDIX B

	Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
		no								1	sardine can
		no								2	sardine can fragments
		no								1	circular can base
		no								1	can fragment
		no								1	corkscrew with o ring
		No								2	Small metal fragment
	rusted	No								21	metal fragments
		no								85	metal fragments
		No								1	oval metal piece with prongs
	wire cut	no								9	wire cut nails
	rusted, complete	No								12	wire nails
		no								1	metal screw fragment
	rusted, large piece	No								1	wire fragment
		no								6	wire fragments
		No								4	varrious lengths of wire, rusted
	prongs on back	No								1	small circular rivet
	decorarative clothing rivet	No								1	metal decorative cloth rivet
	rusted, complete	No								4	machined nails
		No								1	semicircular object with striations on one side. Possibly cap.
	raised edge and ridges	No								5	whetstone
	iridescent patina	No		clear						1	jar fragment
	iridescent patina	No		clear						2	glass fragments
		No								2	metal fragments
	flat, circular	No								2	flat circular can fragments
	burned	No								3	burned bone fragments
		No								3	small mammal fragments

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	10060	9940	94	A	Root mat	Jenkins, Garcia	3/27/2017	Fauna	bone	fragments	Unknown bone fragments
Nate Harrison	10060	9940	94	A	Root mat	Jenkins, Garcia	3/27/2017	Glass	glass	fragment	concave, undecorated
Nate Harrison	10060	9940	94	A	Root mat	Jenkins, Garcia	3/27/2017	Glass	glass	fragment	concave, undecorated
Nate Harrison	10060	9940	94	A	Root mat	Jenkins, Garcia	3/27/2017	Glass	glass	fragment	concave, triangular etchings
Nate Harrison	10050	9895	94	A	Root mat	Jenkins, Garcia	3/27/2017	Glass	glass	fragment	concave, undecorated
Nate Harrison	10050	9895	94	A	Root mat	Jenkins, Garcia	3/27/2017	Metal	alloy	eyelette	small eyelette
Nate Harrison	10050	9895	94	A	Root mat	Jenkins, Garcia	3/27/2017	Metal	alloy	eyelette	large eyelette
Nate Harrison	10050	9895	94	A	Root mat	Jenkins, Garcia	3/27/2017	Metal	Iron	Fragment	metal fragment
Nate Harrison	10050	9895	94	A	Root mat	Jenkins, Garcia	3/27/2017	Metal	Iron	Nail	wire nails
Nate Harrison	10050	9895	94	A	Root mat	Jenkins, Garcia	3/27/2017	Metal	Iron	Wire	wire fragments
Nate Harrison	10050	9895	94	A	Root mat	Jenkins, Garcia	3/27/2017	Metal	Iron	Nail	machined nails
Nate Harrison	10050	9895	94	B	Mixed Fill	Jenkins, Garcia	3/28/2017	Fauna	bone	fragments	unknown animal fragments
Nate Harrison	10050	9895	94	B	Mixed Fill	Jenkins, Garcia	3/28/2017	Fauna	bone	fragments	small animal fragment
Nate Harrison	10050	9895	94	B	Mixed Fill	Jenkins, Garcia	3/28/2017	Fauna	bone	fragments	rodent pieces
Nate Harrison	10050	9895	94	B	Mixed Fill	Jenkins, Garcia	3/28/2017	Fauna	bone	fragments	unknown animal fragments
Nate Harrison	10050	9895	94	B	Mixed Fill	Jenkins, Garcia	3/28/2017	Fauna	bone	fragments	unfused metatarsal
Nate Harrison	10050	9895	94	B	Mixed Fill	Jenkins, Garcia	3/28/2017	Fauna	bone	fragments	unknown vertebrae
Nate Harrison	10050	9895	94	B	Mixed Fill	Jenkins, Garcia	3/28/2017	Flora	Wood	charcoal	charcoal
Nate Harrison	10050	9895	94	B	Mixed Fill	Jenkins, Garcia	3/28/2017	Glass	Glass	fragments	concave, undecorated
Nate Harrison	10050	9895	94	B	Mixed Fill	Jenkins, Garcia	3/28/2017	Glass	Glass	fragments	concave, undecorated
Nate Harrison	10050	9895	94	B	Mixed Fill	Jenkins, Garcia	3/28/2017	Glass	Glass	fragments	concave, undecorated
Nate Harrison	10050	9895	94	B	Mixed Fill	Jenkins, Garcia	3/28/2017	Glass	Glass	fragments	concave, undecorated
Nate Harrison	10050	9895	94	B	Mixed Fill	Jenkins, Garcia	3/28/2017	Glass	Glass	fragments	flat, undecorated
Nate Harrison	10050	9895	94	B	Mixed Fill	Jenkins, Garcia	3/28/2017	metal	alloy	Button	"Cone's Boss"
Nate Harrison	10050	9895	94	B	Mixed Fill	Jenkins, Garcia	3/28/2017	Metal	alloy	crimped object	unknown metal crimped object
Nate Harrison	10050	9895	94	B	Mixed Fill	Jenkins, Garcia	3/28/2017	Metal	Iron	eyelette	metal eyelette
Nate Harrison	10050	9895	94	B	Mixed Fill	Jenkins, Garcia	3/28/2017	metal	iron	fragments	metal fragments
Nate Harrison	10050	9895	94	B	Mixed Fill	Jenkins, Garcia	3/28/2017	metal	iron	lid	metal lid/cap
Nate Harrison	10050	9895	94	B	Mixed Fill	Jenkins, Garcia	3/28/2017	metal	iron	nail	wire cut nails

APPENDIX B

Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
	No								14	Unknown bone fragments
	no		brown						2	fragments
	no		green						1	fragments
	no		clear						1	fragment with triangular etchings
iridescent patina	no		clear						13	fragments
	No								1	small eyelette
	No								1	large eyelett
rusted	No								1	metal fragment
rusted, most complete	No								9	wire nails
rusted	No								6	wire fragments
rusted, most partial	No								5	machined nails
	No								10	unknown animal fragments
	No								1	unknown small animal fragment
	No								7	unknown rodent fragments
burned	No		white						1	burned animal fragment
	No								1	unfused metatarsal
unknown vertebrae	No								1	unknown vertebrae
burned	No		black						6	charcoal
iridescent patina	no		green						1	concave, undecorated
iridescent patina	no		amber						3	concave, undecorated
iridescent patina	no		aqua						2	concave, undecorated
iridescent patina	no		clear						10	concave, undecorated
iridescent patina	no		clear						4	flat, undecorated
	Yes								1	Button, "Cone's Boss"
	no								1	crimped metal object
	no								2	shoe eyelette
	no								16	metal fragments
	no								1	metal cap
	no								12	wire cut nail

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	10050	9895	94	B	Mixed Fill	Jenkins, Garcia	3/28/2017	metal	iron	nail	machine cut nail
Nate Harrison	10050	9895	94	B	Mixed Fill	Jenkins, Garcia	3/28/2017	metal	iron	ring	metal ring
Nate Harrison	10050	9895	94	B	Mixed Fill	Jenkins, Garcia	3/28/2017	metal	iron	stake	metal stake
Nate Harrison	10050	9895	94	B	Mixed Fill	Jenkins, Garcia	3/28/2017	metal	iron	wire fragments	wire fragments
Nate Harrison	10050	9895	94	B	Mixed Fill	Jenkins, Garcia	3/28/2017	other	rubber	unknown object	unknown item; curved object with indentation through the center
Nate Harrison	10050	9895	94	B	Mixed Fill	Jenkins, Garcia	3/28/2017	Stone	Stone	Projectile Point	Projectile Point
Nate Harrison	10050	9895	94	C	Sandy Loam	Farnsworth	4/8/2017	Ceramic	White-ware	Fragment	mug fragment
Nate Harrison	10050	9895	94	C	Sandy Loam	Farnsworth	4/8/2017	Fauna	bone	burned bone fragments	burned bone fragments
Nate Harrison	10050	9895	94	C	Sandy Loam	Farnsworth	4/8/2017	Fauna	bone	unidentified animal fragments	unidentified animal fragment
Nate Harrison	10050	9895	94	C	Sandy Loam	Farnsworth	4/8/2017	Fauna	bone	unidentified rib fragments	unidentified rib fragments
Nate Harrison	10050	9895	94	C	Sandy Loam	Garcia, Jenkins	3/28/2017	Flora	wood	Charcoal	charcoal
Nate Harrison	10050	9895	94	C	Sandy Loam	Farnsworth	4/8/2017	Glass	Glass	Fragment	concave, undecorated
Nate Harrison	10050	9895	94	C	Sandy Loam	Farnsworth	4/8/2017	Glass	Glass	Fragment	concave, undecorated
Nate Harrison	10050	9895	94	C	Sandy Loam	Farnsworth	4/8/2017	Glass	Glass	Fragment	concave, undecorated
Nate Harrison	10050	9895	94	C	Sandy Loam	Farnsworth	4/8/2017	Glass	Glass	Fragment	concave, undecorated
Nate Harrison	10050	9895	94	C	Sandy Loam	Farnsworth	4/8/2017	Metal	alloy	eyelette	metal eyelette
Nate Harrison	10050	9895	94	C	Sandy Loam	Farnsworth	4/8/2017	metal	Iron	bottle cap	bottle cap fragment
Nate Harrison	10050	9895	94	C	Sandy Loam	Farnsworth	4/8/2017	Metal	iron	can	rectangular can
Nate Harrison	10050	9895	94	C	Sandy Loam	Farnsworth	4/8/2017	Metal	iron	can	flattened can
Nate Harrison	10050	9895	94	C	Sandy Loam	Farnsworth	4/8/2017	Metal	iron	can	thin rectangular can lid
Nate Harrison	10050	9895	94	C	Sandy Loam	Farnsworth	4/8/2017	Metal	iron	fragment	metal fragment
Nate Harrison	10050	9895	94	C	Sandy Loam	Farnsworth	4/8/2017	Metal	iron	fragments	metal fragments
Nate Harrison	10050	9895	94	C	Sandy Loam	Farnsworth	4/8/2017	metal	Iron	nail	wire cut nails
Nate Harrison	10050	9895	94	C	Sandy Loam	Farnsworth	4/8/2017	Metal	iron	nail	machine cut nails
Nate Harrison	10050	9895	94	C	Sandy Loam	Farnsworth	4/8/2017	metal	Iron	wire	wire fragment
Nate Harrison	10050	9895	94	C	Sandy Loam	Farnsworth	4/8/2017	metal	metal	metal can	flattened metal can and top
Nate Harrison	10050	9895	94	D	Sandy Loam	Garcia, Jenkins	3/28/2017	Fauna	Bone	bone fragments	possible small mammal rib fragments
Nate Harrison	10050	9895	94	D	Sandy Loam	Garcia, Jenkins	3/28/2017	Fauna	Bone	long bone fragment, unidentifiable	fire affected long bone fragment
Nate Harrison	10050	9895	94	D	Sandy Loam	Garcia, Jenkins	3/28/2017	Fauna	bone	proximal end of radius bone	modified proximal end of radius; Cervus/Deer

APPENDIX B

Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
	no								2	machine cut nail
	no								1	metal ring
	no								1	metal stake
	no								5	wire fragments
	No		black						1	unknown object; curved object with indentation
	No								1	Projectile point
mug fragment with rim and part of handle attached	No		white						1	mug fragment with handle base attached
Burned	No								2	burned bone fragments
	No								7	unidentified animal fragments
	No								4	rib fragments
burned	No								5	charcoal
iridescent patina	No		clear						13	fragments
iridescent patina	No		yellow						2	fragments
	No		brown						3	fragments
	No		aqua						1	fragments
	No								1	metal eyelette
fragmented	No								5	bottle cap fragments
	No								1	rectangular can
	No								1	flattened metal can
	no								1	thin rectangular can lid
	No								1	metal fragment
	No								18	wire fragments
wire cut	No								6	wire cut nails
machine cut	No								6	machine cut nails
	no								1	wire fragments
	No								1	metal flattened food can with lid
none	No								2	possible small mammal rib bone fragments (pulling for analysis)
none	No		white/gray						1	possible fire affected long bone fragment
cut marks, butchered bone	No								1	butchered proximal cervus (deer) radius (pulling for analysis)

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	10050	9895	94	D	Sandy Loam	Garcia, Jenkins	3/28/2017	Fauna	bone	Skull fragments	Possible gopher skull fragments
Nate Harrison	10050	9895	94	D	Sandy Loam	Garcia, Jenkins	3/28/2017	Glass	Glass	glass fragment	Glass fragment, no marks
Nate Harrison	10050	9895	94	D	Sandy Loam	Garcia, Jenkins	3/28/2017	Glass	Glass	glass fragment	Clear glass fragment
Nate Harrison	10050	9895	94	D	Sandy Loam	Garcia, Jenkins	3/28/2017	Glass	Glass	glass fragment	clear glass fragment
Nate Harrison	10050	9895	94	D	Sandy Loam	Garcia, Jenkins	3/28/2017	Metal	alloy	rivet	metal rivet
Nate Harrison	10050	9895	94	D	Sandy Loam	Garcia, Jenkins	3/28/2017	Metal	alloy	rivet	metal rivet
Nate Harrison	10050	9895	94	D	Sandy Loam	Garcia, Jenkins	3/28/2017	Metal	Iron	button	metal button
Nate Harrison	10050	9895	94	D	Sandy Loam	Garcia, Jenkins	3/28/2017	Metal	Iron	button	metal button
Nate Harrison	10050	9895	94	D	Sandy Loam	Garcia, Jenkins	3/28/2017	metal	metal	metal flake	metal flakes unidentified
Nate Harrison	10050	9895	94	D	Sandy Loam	Garcia, Jenkins	3/28/2017	Metal	metal	Rectangular Nail	Metal rectangular nail
Nate Harrison	10050	9895	94	D	Sandy Loam	Garcia, Jenkins	3/28/2017	metal	metal	wire nails	Metal wire nails, full not fragmented
Nate Harrison	10050	9895	94	D	Sandy Loam	Garcia, Jenkins	3/28/2017	Stone	Quartz	Flake	quartz flake, possibly modified.
Nate Harrison	10050	9895	94	E	Sandy Loam	Jenkins, Garcia	3/30/2017	Fauna	bone	fragment	burned bone fragment
Nate Harrison	10050	9895	94	E	Sandy Loam	Jenkins, Garcia	3/30/2017	Fauna	Bone	fragments	unknown animal fragments
Nate Harrison	10050	9895	94	E	Sandy Loam	Jenkins, Garcia	3/30/2017	Fauna	bone	fragments	unknown bone fragments
Nate Harrison	10050	9895	94	E	Sandy Loam	Jenkins, Garcia	3/30/2017	Fauna	bone	rib	rib fragment
Nate Harrison	10050	9895	94	E	Sandy Loam	Jenkins, Garcia	3/30/2017	Fauna	Bone	Small mammal bones	small mammal bones
Nate Harrison	10050	9895	94	E	Sandy Loam	Jenkins, Garcia	3/30/2017	Fauna	bone	Ulna	proximal end of ulna
Nate Harrison	10050	9895	94	E	Sandy Loam	Jenkins, Garcia	3/30/2017	Flora	Wood	Charcoal	charcoal
Nate Harrison	10050	9895	94	E	Sandy Loam	Jenkins, Garcia	3/30/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10050	9895	94	E	Sandy Loam	Jenkins, Garcia	3/30/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10050	9895	94	E	Sandy Loam	Jenkins, Garcia	3/30/2017	Metal	alloy	rivet	rivet for clothing
Nate Harrison	10050	9895	94	E	Sandy Loam	Jenkins, Garcia	3/30/2017	Metal	Iron	Fragments	metal fragments
Nate Harrison	10050	9895	94	E	Sandy Loam	Jenkins, Garcia	3/30/2017	Metal	Iron	Nail	machined nail
Nate Harrison	10050	9895	94	E	Sandy Loam	Jenkins, Garcia	3/30/2017	Metal	Iron	Nails	wire nails
Nate Harrison	10050	9895	94	F	Sandy Loam	Jenkins, Garcia	3/31/2017	Fauna	bone	fragment	burned bone fragment
Nate Harrison	10050	9895	94	F	Sandy Loam	Jenkins, Garcia	3/31/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10050	9895	94	F	Sandy Loam	Jenkins, Garcia	3/31/2017	Metal	Iron	metal strip	curled metal strip
Nate Harrison	10050	9895	94	F	Sandy Loam	Jenkins, Garcia	3/31/2017	Stone	Quartz	Quartz	quartz fragment

APPENDIX B

Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
frontal sutures noticeable	No		x						13	Possible gopher skull fragments
none	No		Brown						1	Brown glass fragment
None	No		Clear						2	Clear glass
small lipping on one edge.	No		Clear						1	Clear glass fragment with lipping
	No								1	metal rivet
	No								1	metal rivet
	No								1	metal button
	No								1	metal button
none	No		rusted						1	
none	No		rusted						1	
none	no		rusted						2	Full metal wire nails
none	No		White						1	
burned	No								1	burned bone fragment
	No								3	unknown animal fragments
	No								3	Unknown bone fragments
	No								1	rib fragment
	No								3	small mammal bones
has fresh break	No								1	proximal end of ulna
	No								4	charcoal
iridescent patina	No		clear						4	clear glass fragments
	No		amber						2	amber glass fragments
rivet for clothing	No								1	metal rivet for clothing
rusted	No								5	metal fragments
rusted, bent	No								1	bent machined nail
rusted, complete	No								3	complete wire nails
burned	No								1	burned bone fragment
iridescent patina	No		clear						1	clear glass fragment
curled strip	No								1	curled metal strip
	No								1	quartz

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	10045	9905	95	A	Mixed Fill	Ramirez, Davis	3/27/2017	Ceramic	White-ware	sherd	whiteware
Nate Harrison	10045	9905	95	A	Mixed Fill	Ramirez, Davis	3/27/2017	Fauna	Bone	unidentified bone fragments	unidentified bone fragments
Nate Harrison	10045	9905	95	A	Mixed Fill	Ramirez, Davis	3/27/2017	Fauna	Bone	unidentified burned bone fragments	unidentified burned bone
Nate Harrison	10045	9905	95	A	Mixed Fill	Ramirez, Davis	3/27/2017	Fauna	Tooth	unidentified tooth fragment	unidentified tooth fragment
Nate Harrison	10045	9905	95	A	Mixed Fill	Ramirez, Davis	3/27/2017	Glass	Glass	Fragment	white fragment
Nate Harrison	10045	9905	95	A	Mixed Fill	Ramirez, Davis	3/27/2017	Glass	Glass	Fragment	concave, undecorated
Nate Harrison	10045	9905	95	A	Mixed Fill	Ramirez, Davis	3/27/2017	Glass	Glass	Fragment	concave, undecorated
Nate Harrison	10045	9905	95	A	Mixed Fill	Ramirez, Davis	3/27/2017	Glass	Glass	Fragment	concave, undecorated
Nate Harrison	10045	9905	95	A	Mixed Fill	Ramirez, Davis	3/27/2017	Glass	Glass	Fragment	flat, undecorated
Nate Harrison	10045	9905	95	A	Mixed Fill	Ramirez, Davis	3/27/2017	Metal	alloy	casing	short casing with "U" stamped on bottom
Nate Harrison	10045	9905	95	A	Mixed Fill	Ramirez, Davis	3/27/2017	Metal	alloy	casing	casing with "H" stamped on bottom
Nate Harrison	10045	9905	95	A	Mixed Fill	Ramirez, Davis	3/27/2017	Metal	alloy	casing	large casing with "REMINGTON UMC No 12 NITRO CLUB" stamped on bottom
Nate Harrison	10045	9905	95	A	Mixed Fill	Ramirez, Davis	3/27/2017	Metal	Iron	Fragments	metal fragments
Nate Harrison	10045	9905	95	A	Mixed Fill	Ramirez, Davis	3/27/2017	Metal	Iron	key	sardine key
Nate Harrison	10045	9905	95	A	Mixed Fill	Ramirez, Davis	3/27/2017	Metal	Iron	Nails	machined nails
Nate Harrison	10045	9905	95	A	Mixed Fill	Ramirez, Davis	3/27/2017	Metal	Iron	Nails	wire nails
Nate Harrison	10045	9905	95	A	Mixed Fill	Ramirez, Davis	3/27/2017	Metal	Iron	Wire	wire fragments
Nate Harrison	10045	9905	95	B	Sandy Loam	Davis, Ramirez	3/29/2017	ceramic	ceramic	sherd	ceramic sherd
Nate Harrison	10045	9905	95	B	Sandy Loam	Davis, Ramirez	3/29/2017	Ceramic	ceramic	sherd	ceramic sherd
Nate Harrison	10045	9905	95	B	Sandy Loam	Davis, Ramirez	3/29/2017	Ceramic	white-ware	whiteware fragment	whiteware fragment
Nate Harrison	10045	9905	95	B	Sandy Loam	Davis, Ramirez	3/29/2017	Fauna	bone	fragments	unidentified bone fragments
Nate Harrison	10045	9905	95	B	Sandy Loam	Davis, Ramirez	3/29/2017	Glass	glass	fragments	flat, undecorated
Nate Harrison	10045	9905	95	B	Sandy Loam	Davis, Ramirez	3/29/2017	Glass	glass	fragments	concave, undecorated
Nate Harrison	10045	9905	95	B	Sandy Loam	Davis, Ramirez	3/29/2017	Glass	glass	fragments	concave
Nate Harrison	10045	9905	95	B	Sandy Loam	Davis, Ramirez	3/29/2017	Glass	glass	fragments	concave, undecorated
Nate Harrison	10045	9905	95	B	Sandy Loam	Davis, Ramirez	3/29/2017	Glass	glass	fragments	concave, undecorated

APPENDIX B

Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
	No		white						1	whiteware
	No								3	unidentified bone fragments
burned	No								6	unidentified burned bone
	No								1	unidentified tooth fragment
	no		white						1	fragment
iridescent patina	No		amber						7	fragments
	No		aqua						3	fragments
	No		clear						21	fragments
	no		clear						5	flat fragments
"U" stamped on bottom	yes								1	short casing with "U" stamped on bottom
"H" stamped on bottom	yes								1	casing with "H" stamped on bottom
"REMINGTON UMC No 12 NITRO CLUB" stamped on bottom	yes								1	large casing with "REMINGTON UMC No 12 NITRO CLUB" stamped on bottom
	No								22	metal fragments
	no								1	sardine key
rusted, one partial/3 complete	No								4	machined nails
rusted, complete	No								6	wire nails
	No								4	wire fragments
	No		dark grey						1	ceramic sherd
	No		dark grey						1	ceramic sherd
	No		white						1	whiteware fragment
unidentified mammal	No								4	unidentified bone fragments
flat	No		clear						7	flat, undecorated
	No		solarized amethyst						2	concave, undecorated
raised lines and portion of lettering	No		solarized amethyst						1	concave, raised lines and partial lettering
	No		aqua						3	concave, undecorated
iridescent patina	No		brown						2	concave, undecorated

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	10045	9905	95	B	Sandy Loam	Davis, Ramirez	3/29/2017	Glass	glass	fragments	concave, undecorated
Nate Harrison	10045	9905	95	B	Sandy Loam	Davis, Ramirez	3/29/2017	Metal	alloy	casing	unfired casing with "U" stamped on bottom
Nate Harrison	10045	9905	95	B	Sandy Loam	Davis, Ramirez	3/29/2017	Metal	alloy	Grommet	metal grommet
Nate Harrison	10045	9905	95	B	Sandy Loam	Davis, Ramirez	3/29/2017	metal	alloy	screw	screw fragment
Nate Harrison	10045	9905	95	B	Sandy Loam	Davis, Ramirez	3/29/2017	Metal	iron	fragments	iron fragments
Nate Harrison	10045	9905	95	B	Sandy Loam	Davis, Ramirez	3/29/2017	Metal	Iron	nail	wire cut nails
Nate Harrison	10045	9905	95	B	Sandy Loam	Davis, Ramirez	3/29/2017	Metal	Iron	nail	machine cut nail
Nate Harrison	10045	9905	95	B	Sandy Loam	Davis, Ramirez	3/29/2017	metal	iron	saddle concho	saddle concho
Nate Harrison	10045	9905	95	B	Sandy Loam	Davis, Ramirez	3/29/2017	Metal	iron	staple	metal staple
Nate Harrison	10045	9905	95	B	Sandy Loam	Davis, Ramirez	3/29/2017	Metal	iron	wire	wire fragments
Nate Harrison	10045	9905	95	B	Sandy Loam	Davis, Ramirez	3/29/2017	Stone	stone	worked stone	worked stone
Nate Harrison	10045	9905	95	C	Sandy Loam	Ramirez, Davis	3/31/2017	Ceramic	Ceramic	Fragment	whiteware fragment
Nate Harrison	10045	9905	95	C	Sandy Loam	Ramirez, Davis	3/31/2017	Fauna	Bone	Fragment	bone fragment
Nate Harrison	10045	9905	95	C	Sandy Loam	Ramirez, Davis	3/31/2017	Fauna	Bone	Fragment	bleached bone fragment
Nate Harrison	10045	9905	95	C	Sandy Loam	Ramirez, Davis	3/31/2017	Fauna	Bone	Fragment	large bone fragment
Nate Harrison	10045	9905	95	C	Sandy Loam	Ramirez, Davis	3/31/2017	Fauna	Bone	Fragment	burned bone fragments
Nate Harrison	10045	9905	95	C	Sandy Loam	Ramirez, Davis	3/31/2017	Fauna	Bone	Fragments	small bone fragments
Nate Harrison	10045	9905	95	C	Sandy Loam	Ramirez, Davis	3/31/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10045	9905	95	C	Sandy Loam	Ramirez, Davis	3/31/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10045	9905	95	C	Sandy Loam	Ramirez, Davis	3/31/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10045	9905	95	C	Sandy Loam	Ramirez, Davis	3/31/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10045	9905	95	C	Sandy Loam	Ramirez, Davis	3/31/2017	Metal	Alloy	Casing	metal casing
Nate Harrison	10045	9905	95	C	Sandy Loam	Ramirez, Davis	3/31/2017	Metal	Iron	Button	metal button
Nate Harrison	10045	9905	95	C	Sandy Loam	Ramirez, Davis	3/31/2017	Metal	Iron	Fragments	metal fragments
Nate Harrison	10045	9905	95	C	Sandy Loam	Ramirez, Davis	3/31/2017	Metal	Iron	Handle	curved metal handle
Nate Harrison	10045	9905	95	C	Sandy Loam	Ramirez, Davis	3/31/2017	Metal	Iron	Key	Sardine key
Nate Harrison	10045	9905	95	C	Sandy Loam	Ramirez, Davis	3/31/2017	Metal	Iron	Nail	complete machined nail
Nate Harrison	10045	9905	95	C	Sandy Loam	Ramirez, Davis	3/31/2017	Metal	Iron	Nail	complete wire nail
Nate Harrison	10045	9905	95	C	Sandy Loam	Ramirez, Davis	3/31/2017	Metal	Iron	Wire	wire fragments

APPENDIX B

Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
iridescent patina	No		clear						5	concave, undecorated
"U" stamped on bottom	yes								2	unfired casing with "U" stamped on bottom
	No								1	metal grommet
	No								1	screw fragment
	No								43	metal fragments
wire cut	no								3	wire cut nails
machine cut	no								3	machine cut nails
	No								1	saddle concho
	no								1	metal staple
	no								3	wire fragments
	No								1	worked stone
cracked finish	No		white						1	whiteware fragment
possibly worked	No								1	possibly worked bone fragment
	No								2	bleached bone fragments
	No								1	large bone fragment
	No								2	burned bone fragments
	No								13	small bone fragments
	No		amber						1	glass fragment
opaque	No		white						1	glass fragment
	No		solarized amethyst						4	glass fragments
	No		clear						13	glass fragments
"U" on back, with mark from being fired	Yes								1	metal casing
rusted	No								1	metal button
rusted	No								52	metal fragments
rusted	No								1	curved metal handle
lid wrapped around	No								1	sardine key with lid
rusted	No								1	complete machined nail
rusted	No								1	complete wire nail
rusted	No								5	wire fragments

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	10045	9905	95	D	Sandy Loam	Davis	3/31/2017	Fauna	Bone	fragment	bone fragments
Nate Harrison	10045	9905	95	D	Sandy Loam	Davis	3/31/2017	Flora	Wood	wood fragment	burned wood fragment
Nate Harrison	10045	9905	95	D	Sandy Loam	Davis	3/31/2017	Glass	Glass	fragments	concave, undecorated
Nate Harrison	10045	9905	95	D	Sandy Loam	Davis	3/31/2017	Metal	iron	fragments	metal fragments
Nate Harrison	10045	9905	95	D	Sandy Loam	Davis	3/31/2017	Metal	Iron	nail	wire cut nail
Nate Harrison	10045	9905	95	D	Sandy Loam	Davis	3/31/2017	Metal	Iron	sardine key	sardine key with metal wrapping
Nate Harrison	10045	9905	95	D	Sandy Loam	Davis	3/31/2017	Metal	Iron	can	iron can
Nate Harrison	10045	9905	95	D	Sandy Loam	Davis	3/31/2017	Metal	Iron	Wire fragment	wire fragments
Nate Harrison	10045	9905	95	D	Sandy Loam	Davis	3/31/2017	Stone	stone	flake	chipped stone
Nate Harrison	10045	9905	95	D	Sandy Loam	Davis	3/31/2017	Stone	stone	possible biface	possible biface
Nate Harrison	10060	9885	96	A	Mixed fill	Llamas	4/8/2017	Fauna	bone	burned bone fragments	burned bone fragments
Nate Harrison	10060	9885	96	A	Mixed fill	Llamas	4/8/2017	Metal	alloy	rivet	clothing rivet
Nate Harrison	10060	9885	96	A	Mixed fill	Llamas	4/8/2017	Metal	iron	button	pants button
Nate Harrison	10060	9885	96	A	Mixed fill	Llamas	4/8/2017	Metal	Iron	metal fragments	fragments
Nate Harrison	10060	9885	96	A	Mixed fill	Llamas	4/8/2017	Metal	iron	nail	machine cut nail
Nate Harrison	10060	9885	96	A	Mixed fill	Llamas	4/8/2017	Metal	wire	wire fragments	wire fragments
Nate Harrison	10600	9940	96	A	Sandy Loam	Aguayo	3/28/2017	Ceramic	white-ware	lip fragment	whiteware lip fragment
Nate Harrison	10600	9940	96	A	Sandy Loam	Aguayo	3/28/2017	Fauna	Bone	fragments	bone fragments
Nate Harrison	10600	9940	96	A	Sandy Loam	Aguayo	3/28/2017	Fauna	Bone	fragments	bone fragment
Nate Harrison	10600	9940	96	A	Sandy Loam	Aguayo	3/28/2017	Fauna	Bone	mandible	bobcat mandible
Nate Harrison	10600	9940	96	A	Sandy Loam	Aguayo	3/28/2017	Fauna	Bone	Rib fragments	avian rib fragment
Nate Harrison	10600	9940	96	A	Sandy Loam	Aguayo	3/28/2017	Fauna	Bone	unknown fragments	unknown animal fragments
Nate Harrison	10600	9940	96	A	Sandy Loam	Aguayo	3/28/2017	Fauna	Bone	vertebrae	unknown vertebrae
Nate Harrison	10600	9940	96	A	Sandy Loam	Aguayo	3/28/2017	Fauna	tooth	fragments	tooth fragments
Nate Harrison	10600	9940	96	A	Sandy Loam	Aguayo	3/28/2017	Fauna	Tooth	ovis molar	ovis molar
Nate Harrison	10600	9940	96	A	Sandy Loam	Aguayo	3/28/2017	Flora	charcoal	burned twig/charcoal	burned twig charcoal
Nate Harrison	10600	9940	96	A	Sandy Loam	Aguayo	3/28/2017	Glass	Glass	Fragment	flat, undecorated
Nate Harrison	10600	9940	96	A	Sandy Loam	Aguayo	3/28/2017	Glass	Glass	Fragment	concave, undecorated
Nate Harrison	10600	9940	96	A	Sandy Loam	Aguayo	3/28/2017	Glass	Glass	Fragment	flat, undecorated
Nate Harrison	10600	9940	96	A	Sandy Loam	Aguayo	3/28/2017	Glass	Glass	Fragment	flat, undecorated
Nate Harrison	10600	9940	96	A	Sandy Loam	Aguayo	3/28/2017	Glass	Glass	fragment	concave, undecorated
Nate Harrison	10600	9940	96	A	Sandy Loam	Aguayo	3/28/2017	Glass	Glass	fragment	flat, undecorated
Nate Harrison	10600	9940	96	A	Sandy Loam	Aguayo	3/28/2017	Glass	Glass	fragment	concave, undecorated
Nate Harrison	10600	9940	96	A	Sandy Loam	Aguayo	3/29/2017	Glass	glass	fragment	concave, undecorated
Nate Harrison	10600	9940	96	A	Sandy Loam	Aguayo	3/28/2017	Metal	iron	key	sardine key
Nate Harrison	10600	9940	96	A	Sandy Loam	Aguayo	3/28/2017	metal	metal	metal flake	metal flakes unidentified

APPENDIX B

Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
	No								1	bone fragments
burned	No								1	burned wood fragments
	no								4	concave, undecorated
	No								51	metal fragments
	No								1	wire cut nail
sardine keys	No								1	Sardine key with metal wrapping
	No								1	iron can
	No								1	wire fragment
	No								1	Chipped stone flake
	No								1	possible biface
burned	No								4	burned bone fragments
metal clothing rivet	No								1	metal rivet
metal pants button	No								1	metal pants button
	No								2	metal fragments
machine cut	No								1	machine cut nails
	No								1	wire fragment
	No		white						1	whiteware lip
	No								9	bone fragments
	No								1	unknown fragment
right bobcat mandible	No								1	right bobcat mandible
avian	No								1	avian rib fragments
unknown animal	No								11	unidentified animal fragments
unknown animal	No								1	unknown vertebrae
	No								2	tooth fragment
ovis molar	No								1	ovis molar
	No								1	not an artifact
iridescent patina	No		clear						1	fragment
iridescent patina	No		clear						1	fragment
iridescent patina	no		white						1	fragment
iridescent patina	no		solarized amethyst						1	fragment
iridescent patina	no		solarized amethyst						1	fragment
iridescent patina	no		aqua						3	fragment
iridescent patina	no		aqua						1	fragment
	No		clear						7	fragment
	No								2	sardine key
	No								1	metal flake

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	10600	9940	96	A	Sandy Loam	Aguayo	3/28/2017	metal	metal	pick axe head	metal pick axe head
Nate Harrison	10600	9940	96	A	Sandy Loam	Aguayo	3/28/2017	metal	silver	purse clasp fragment	purse clasp fragment
Nate Harrison	10050	9910	96	B	Sandy Loam	Llamas	4/8/2017	Ceramic	ceramic	fragment	ceramic shard
Nate Harrison	10060	9885	96	B	Sandy Loam	Llamas	4/8/2017	Fauna	bone	carpal	rodent
Nate Harrison	10050	9910	96	B	Sandy Loam	Llamas	4/8/2017	fauna	bone	fragment	distal end of a medium sized mammal
Nate Harrison	10050	9910	96	B	Sandy Loam	Llamas	4/8/2017	fauna	bone	fragment	long bone fragment
Nate Harrison	10050	9910	96	B	Sandy Loam	Llamas	4/8/2017	Fauna	bone	fragment	possible skull fragment of a small mammal
Nate Harrison	10050	9910	96	B	Sandy Loam	Llamas	4/8/2017	fauna	bone	fragment	possible mandible fragment w/ pathology
Nate Harrison	10050	9910	96	B	Sandy Loam	Llamas	4/8/2017	fauna	bone	fragment	fragment
Nate Harrison	10050	9910	96	B	Sandy Loam	Llamas	4/8/2017	fauna	bone	fragment	fragment
Nate Harrison	10050	9910	96	B	Sandy Loam	Llamas	4/8/2017	fauna	bone	fragment	fragment
Nate Harrison	10060	9885	96	B	Sandy Loam	Llamas	4/8/2017	Fauna	bone	fragment	unid mm fragment
Nate Harrison	10060	9885	96	B	Sandy Loam	Llamas	4/8/2017	Fauna	bone	fragment	burned
Nate Harrison	10060	9885	96	B	Sandy Loam	Llamas	4/8/2017	Fauna	bone	humerus	rabbit humerus
Nate Harrison	10050	9910	96	B	Sandy Loam	Llamas	4/8/2017	fauna	bone	sacrum	small mammal fauna (sacrum)
Nate Harrison	10060	9885	96	B	Sandy Loam	Llamas	4/8/2017	Fauna	bone	unidentified bone fragments	unidentified bone fragments
Nate Harrison	10050	9910	96	B	Sandy Loam	Llamas	4/8/2017	glass	glass	fragment	concave, undecorated
Nate Harrison	10050	9910	96	B	Sandy Loam	Llamas	4/8/2017	Glass	glass	fragment	flat, has waves
Nate Harrison	10050	9910	96	B	Sandy Loam	Llamas	4/8/2017	Glass	glass	fragment	concave, undecorated
Nate Harrison	10050	9910	96	B	Sandy Loam	Llamas	4/8/2017	Glass	glass	fragment	concave, undecorated
Nate Harrison	10050	9910	96	B	Sandy Loam	Llamas	4/8/2017	Glass	glass	fragment	concave, undecorated
Nate Harrison	10050	9910	96	B	Sandy Loam	Llamas	4/8/2017	Glass	glass	fragment	neck base fragment
Nate Harrison	10050	9910	96	B	Sandy Loam	Llamas	4/8/2017	Glass	glass	fragment	flat, undecorated
Nate Harrison	10050	9910	96	B	Sandy Loam	Llamas	4/8/2017	Glass	glass	fragment	concave, undecorated
Nate Harrison	10050	9910	96	B	Sandy Loam	Llamas	4/8/2017	Glass	glass	glass fragment	glass fragment
Nate Harrison	10050	9910	96	B	Sandy Loam	Llamas	4/8/2017	glass	glass	glass fragment	glass fragment
Nate Harrison	10050	9910	96	B	Sandy Loam	Llamas	4/8/2017	glass	glass	glass fragment	glass fragment
Nate Harrison	10050	9910	96	B	Sandy Loam	Llamas	4/8/2017	metal	alloy	casing	casing with "H" stamped on bottom
Nate Harrison	10050	9910	96	B	Sandy Loam	Llamas	4/8/2017	metal	alloy	fragments	metal alloy flakes
Nate Harrison	10050	9910	96	B	Sandy Loam	Llamas	4/8/2017	metal	alloy	meat can	rectangular tin alloy half can

APPENDIX B

Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
	No								1	metal pick axe head
	no								1	purse clasp fragment
none	No		White						1	Fragment of white ceramic
	No								1	rodent carpal
None	No								1	medium size mammal; distal end long bone
flat edge, possibly modified	No								1	bone fragment of possible medium to large mammal, with possible modification
None	No								1	Small mammal skull fragment
None	No								1	Possible small mammal mandible fragment
possible fire affected	No		Dark Brown						1	possible fire affected bone fragment
unidentified bone fragment	No								3	Bone fragment unidentified
unidentified bone fragment	No								3	unidentified bone fragments, possible broken tooth
	No								17	Unid MM bone fragment
burned	No		white						1	Unid burned mm bone fragment
	No								1	rabbit humerus
None	No								1	Small mammal sacrum
	No								2	unidentified bone fragments
	No		clear						2	concave, undecorated
waves, possible bottom	No		white						1	white fragment with waves, possible bottom
iridescent patina	No		clear						1	glass fragment
iridescent patina	No		brown						2	glass fragments
	No		green						1	glass fragment
iridescent patina	No		clear						1	neck base fragment
iridescent patina	no		clear						5	fragments
iridescent patina	no		clear						2	fragments
None	No		Amber						3	glass amber color fragments with patina
none	No		clear						1	clear glass fragment, flat no curve
none	No		Clear						2	glass fragment, with patina and a slight curve
"H" stamped on bottom	yes								1	casing with "H" stamped on bottom
none	No		Rusted brown						8	
circular impression in center of lid	No		Rusted brown						1	Opened meat can with no makers mark

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	10050	9910	96	B	Sandy Loam	Llamas	4/8/2017	metal	alloy	nail fragment	rectangular cut nail fragment
Nate Harrison	10050	9910	96	B	Sandy Loam	Llamas	4/8/2017	metal	alloy	nail fragment	wire nail fragment
Nate Harrison	10050	9910	96	B	Sandy Loam	Llamas	4/8/2017	Metal	alloy	rivet	metal rivet
Nate Harrison	10050	9910	96	B	Sandy Loam	Llamas	4/8/2017	Metal	iron	can	can fragment
Nate Harrison	10060	9885	96	B	Sandy Loam	Aguayo, Roderickz	3/29/2017	Metal	Iron	nail fragment	machine cut nail fragments
Nate Harrison	10050	9910	96	B	Sandy Loam	Llamas	4/8/2017	metal	iron	wire fragments	metal alloy wire fragments
Nate Harrison	10045	9905	96	C	Root mat	Aguayo, Roderickz	3/29/2017	metal	alloy	screw	screw fragment
Nate Harrison	10045	9905	96	C	Root mat	Aguayo, Roderickz	3/29/2017	metal	iron	fragments	metal fragments
Nate Harrison	10045	9905	96	C	Root mat	Aguayo, Roderickz	3/29/2017	metal	iron	nail	wire cut nails
Nate Harrison	10045	9905	96	C	Root mat	Aguayo, Roderickz	3/29/2017	metal	iron	staple	metal staples
Nate Harrison	10045	9905	96	C	Root mat	Aguayo, Roderickz	3/29/2017	metal	iron	wire	wire fragment
Nate Harrison	10060	9885	96	C	Sandy Loam	Llamas	4/8/2017	Fauna	bone	cranial fragment	cranial fragment
Nate Harrison	10045	9905	96	C	Sandy Loam	Roderickz, Torales	3/31/2017	Fauna	Bone	fragment	burned bone fragments
Nate Harrison	10045	9905	96	C	Sandy Loam	Roderickz, Torales	3/31/2017	Fauna	Bone	fragment	unknown animal fragments
Nate Harrison	10060	9885	96	C	Sandy Loam	Llamas	4/8/2017	Fauna	bone	long bone fragments	unidentified long bone fragments
Nate Harrison	10045	9905	96	C	Sandy Loam	Roderickz, Torales	3/31/2017	Fauna	Bone	phalange	bos phalange
Nate Harrison	10060	9885	96	C	Sandy Loam	Llamas	4/8/2017	Fauna	bone	small mammal rib fragment	rib fragment
Nate Harrison	10060	9885	96	C	Sandy Loam	Llamas	4/8/2017	Fauna	bone	unidentified long bone	possible cow metatarsal
Nate Harrison	10060	9885	96	C	Sandy Loam	Llamas	4/8/2017	Fauna	bone	unidentified long bone	possible fibula? Cut marks
Nate Harrison	10060	9885	96	C	Sandy Loam	Llamas	4/8/2017	Fauna	Bone	unidentified possible modification	possible modified bone fragment
Nate Harrison	10060	9885	96	C	Sandy Loam	Llamas	4/8/2017	Fauna	Shell	Button	shell button
Nate Harrison	10045	9905	96	C	Sandy Loam	Roderickz, Torales	3/31/2017	Fauna	tooth	fragments	tooth fragments
Nate Harrison	10045	9905	96	C	Sandy Loam	Roderickz, Torales	3/31/2017	Flora	wood	Charcoal	charcoal
Nate Harrison	10060	9885	96	C	Sandy Loam	Llamas	4/8/2017	Glass	Glass	Bottle Fragment	concave, "VIR" "N" "ESTAB", "RECISTER" "REFILLIN"
Nate Harrison	10060	9885	96	C	Sandy Loam	Llamas	4/8/2017	Glass	Glass	Fragment	concave, undecorated
Nate Harrison	10060	9885	96	C	Sandy Loam	Llamas	4/8/2017	Glass	Glass	Fragment	concave, undecorated
Nate Harrison	10060	9885	96	C	Sandy Loam	Llamas	4/8/2017	Glass	Glass	Fragment	bottle neck fragment
Nate Harrison	10060	9885	96	C	Sandy Loam	Llamas	4/8/2017	Glass	Glass	Fragment	concave, undecorated

APPENDIX B

Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
None	No		rusted brown						1	rectangular nail fragment with nail head
None	No		Rusted Brown						1	metal alloy nail fragment
	No								1	metal rivet
	No								1	can fragment
	No								1	machine cut nail fragment
none	No		Rusted brown						2	
	No								1	screw fragment
	No								11	metal fragments
wire cut	No								4	wire cut nails
	No								2	metal staples
	No								1	wire fragment
cranial fragment	No								1	unidentified cranial fragment
burned	No								4	burned bone fragments
	No								20	unknown animal fragments
Four show evidence of butchering	No								7	unidentified faunal fragments
	No								1	bos phalange
	No								1	small mammal rib fragment
	No								1	possible cow metatarsal
cut marks, possible fibula	No								1	possible fibula, cut marks
burned end	No								1	possibly modified bone fragment with a heat affected end
	No								1	shell button
	No								2	teeth fragments
burned	No								2	charcoal
iridescent patina, "VIR" "N" "ESTAB" "RECISTER" "REFILLIN"	Yes		solarized amethyst						2	concave, "VIR" "N" "ESTAB", "RECISTER" "REFILLIN"
	No		brown						4	fragments
	No		aqua						2	fragments
iridescent patina	No		aqua						1	bottle neck fragment
iridescent patina	No		clear						14	fragments

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	10060	9885	96	C	Sandy Loam	Llamas	4/8/2017	glass	glass	glass fragments	concave, undecorated
Nate Harrison	10060	9885	96	C	Sandy Loam	Llamas	4/8/2017	glass	glass	glass fragments	concave, undecorated
Nate Harrison	10060	9885	96	C	Sandy Loam	Llamas	4/8/2017	metal	Iron	button	metal button
Nate Harrison	10060	9885	96	C	Sandy Loam	Llamas	4/8/2017	Metal	iron	can	fragment
Nate Harrison	10060	9885	96	C	Sandy Loam	Llamas	4/8/2017	Metal	iron	can	crushed can
Nate Harrison	10060	9885	96	C	Sandy Loam	Llamas	4/8/2017	Metal	iron	can	can base
Nate Harrison	10060	9885	96	C	Sandy Loam	Llamas	4/8/2017	Metal	iron	can	rectangular can
Nate Harrison	10060	9885	96	C	Sandy Loam	Llamas	4/8/2017	metal	iron	can fragments	iron can fragments
Nate Harrison	10060	9885	96	C	Sandy Loam	Llamas	4/8/2017	Metal	iron	key	sardine key
Nate Harrison	10045	9905	96	C	Sandy Loam	Roderickz, Torales	3/31/2017	Metal	Iron	metal fragments	metal fragments
Nate Harrison	10060	9885	96	C	Sandy Loam	Llamas	4/8/2017	metal	iron	metal fragments	unknown metal fragments
Nate Harrison	10045	9905	96	C	Sandy Loam	Roderickz, Torales	3/31/2017	Metal	Iron	Nail	wire cut nails
Nate Harrison	10045	9905	96	C	Sandy Loam	Roderickz, Torales	3/31/2017	metal	iron	nail	machine cut nail
Nate Harrison	10060	9885	96	C	Sandy Loam	Llamas	4/8/2017	metal	iron	nail	wire cut nail
Nate Harrison	10060	9885	96	C	Sandy Loam	Llamas	4/8/2017	metal	iron	sardine key	sardine key
Nate Harrison	10045	9905	96	C	Sandy Loam	Roderickz, Torales	3/31/2017	metal	iron	staple	metal staple
Nate Harrison	10060	9885	96	C	Sandy Loam	Llamas	4/8/2017	Metal	iron	suspender clip	clip for suspender
Nate Harrison	10045	9905	96	C	Sandy Loam	Roderickz, Torales	3/31/2017	metal	iron	wire	wire fragments
Nate Harrison	10060	9885	96	C	Sandy Loam	Llamas	4/8/2017	metal	iron	nail	machine cut nail
Nate Harrison	10060	9885	96	C	Sandy Loam	Llamas	4/8/2017	metal	iron	wire	wire fragments
Nate Harrison	10050	9885	98	A	Sandy Loam	Hoke	3/29/2017	Ceramic	Flow blue	Fragment	concave, rim fragment
Nate Harrison	10050	9885	98	A	Sandy Loam	Hoke	3/29/2017	Ceramic	White-ware	Fragment	concave, rim fragment
Nate Harrison	10050	9885	98	A	Sandy Loam	Hoke	3/29/2017	Fauna	Bone	Fragment	large fragments
Nate Harrison	10050	9885	98	A	Sandy Loam	Hoke	3/29/2017	Fauna	Bone	Fragment	small fragments
Nate Harrison	10050	9885	98	A	Sandy Loam	Hoke	3/29/2017	Fauna	Bone	Fragment	rib fragment
Nate Harrison	10050	9885	98	A	Sandy Loam	Hoke	3/29/2017	Fauna	Bone	Teeth	teeth fragment
Nate Harrison	10050	9885	98	A	Sandy Loam	Hoke	3/29/2017	Fauna	leather	leather fragment	leather fragment
Nate Harrison	10050	9885	98	A	Sandy Loam	Hoke	3/29/2017	Flora	Wood	Charcoal	charcoal fragments
Nate Harrison	10050	9885	98	A	Sandy Loam	Hoke	3/29/2017	Flora	Wood	Charcoal	charcoal fragments
Nate Harrison	10050	9885	98	A	Sandy Loam	Hoke	3/29/2017	Glass	Glass	Fragment	glass fragments
Nate Harrison	10050	9885	98	A	Sandy Loam	Hoke	3/29/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10050	9885	98	A	Sandy Loam	Hoke	3/29/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10050	9885	98	A	Sandy Loam	Hoke	3/29/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10050	9885	98	A	Sandy Loam	Hoke	3/29/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10050	9885	98	A	Sandy Loam	Hoke	3/29/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10050	9885	98	A	Sandy Loam	Hoke	3/29/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10050	9885	98	A	Sandy Loam	Hoke	3/29/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10050	9885	98	A	Sandy Loam	Hoke	3/29/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10050	9885	98	A	Sandy Loam	Hoke	3/29/2017	Metal	alloy	d loop	hiking boot loop
Nate Harrison	10050	9885	98	A	Sandy Loam	Hoke	3/29/2017	Metal	Iron	Fragments	metal fragments

APPENDIX B

	Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
	iridescent patina	no		clear						6	concave, undecorated
	iridescent patina	No		amber						6	concave, undecorated
		No								1	metal rivet
		No								1	can fragment
		No								1	crushed can
		No								1	can base
		No								1	rectangular can
		No								2	iron can fragments
		No								1	sardine key
		No								34	metal fragments
		No								44	unknown metal fragments
	wire cut	No								6	wire cut nails
	machine cut	No								4	machine cut nails
	wire cut	No								2	wire cut nail
	sardine keys	No								1	Sardine can key
		No								1	metal staple
	metal suspender clip	No								1	metal suspender clip
		no								10	wire fragments
	machine cut nail	No								1	machine cut nail
		No								2	wire fragments
		No		white and blue						1	flow blue rim fragment
	finished cracked	No		white						1	whiteware rim fragment
		No								3	large bone fragments
		No								6	small bone fragments
		No								1	rib fragments
		No								3	teeth fragments
		No								1	leather fragment
	two distinct pieces	No								2	charcoal fragments
	semi-powdered	No								2	charcoal fragments
	patinaed	No		clear, brown						2	glass fragments
	white patina	No		green						1	glass fragment
	chipped	No		olive green						1	glass fragment
	one w/ iridescent patina	No		amber						2	glass fragment
	patinaed	No		light brown						1	glass fragment
	iridescent patina	No		solarized amethyst						2	glass fragment
		No		aqua						1	glass fragment
	patinaed	No		clear						10	glass fragment
	lacing d ring	no								1	lacing d loop
	2 possible rims, others flat	No								28	metal fragments

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	10050	9885	98	A	Sandy Loam	Hoke	3/29/2017	Metal	Iron	Fragments	wire fragment
Nate Harrison	10050	9885	98	A	Sandy Loam	Hoke	3/29/2017	Metal	Iron	Staple	Fence staple
Nate Harrison	10050	9885	98	A	Sandy Loam	Hoke	3/29/2017	Metal	Unknown	Ring	metal ring
Nate Harrison	10050	9885	98	A	Sandy Loam	Hoke	3/29/2017	Metal	Alloy	Button	rectangular pattern on the front
Nate Harrison	10050	9885	98	A	Sandy Loam	Hoke	3/29/2017	Metal	Alloy	Unknown	unknown metal
Nate Harrison	10050	9885	98	A	Sandy Loam	Hoke	3/29/2017	Metal	Iron	Nails	1 wire nail, two machined
Nate Harrison	10050	9885	98	B	Sandy Loam	Hoke, Pierre	3/30/2017	Fauna	bone	long bone fragment	long bone fragment
Nate Harrison	10050	9885	98	B	Sandy Loam	Hoke, Pierre	3/30/2017	Fauna	bone	rib fragments	butchered rib fragments
Nate Harrison	10050	9885	98	B	Sandy Loam	Hoke, Pierre	3/30/2017	Fauna	bone	unknown bone fragments	Unknown bone fragments
Nate Harrison	10050	9885	98	B	Sandy Loam	Hoke, Pierre	3/30/2017	Fauna	Shell	button	shell button
Nate Harrison	10050	9885	98	B	Sandy Loam	Hoke, Pierre	3/30/2017	Glass	Glass	Fragment	concave, undecorated
Nate Harrison	10050	9885	98	B	Sandy Loam	Hoke, Pierre	3/30/2017	Glass	Glass	Fragment	concave, undecorated
Nate Harrison	10050	9885	98	B	Sandy Loam	Hoke, Pierre	3/30/2017	Glass	Glass	Fragment	concave, undecorated
Nate Harrison	10050	9885	98	B	Sandy Loam	Hoke, Pierre	3/30/2017	Glass	Glass	Fragment	concave, undecorated
Nate Harrison	10050	9885	98	B	Sandy Loam	Hoke, Pierre	3/30/2017	Metal	alloy	rivet	shoe eyelets
Nate Harrison	10050	9885	98	B	Sandy Loam	Hoke, Pierre	3/30/2017	Metal	alloy	rivet	jean rivet
Nate Harrison	10050	9885	98	B	Sandy Loam	Hoke, Pierre	3/30/2017	Metal	Iron	Fragments	metal fragments
Nate Harrison	10050	9885	98	B	Sandy Loam	Hoke, Pierre	3/30/2017	Metal	Iron	Nails	wire nails
Nate Harrison	10050	9885	98	B	Sandy Loam	Hoke, Pierre	3/30/2017	Metal	Iron	Nails	machined nails
Nate Harrison	10050	9885	98	B	Sandy Loam	Hoke, Pierre	3/30/2017	Metal	Iron	Wire	wire fragments
Nate Harrison	10050	9885	98	C	Sandy Loam	Hoke, Pierre	3/30/2017	Ceramic	White-ware	sherd	whiteware
Nate Harrison	10050	9885	98	C	Sandy Loam	Hoke, Pierre	3/30/2017	Ceramic	Yellow-ware	lip fragment	yellowware lip fragment
Nate Harrison	10050	9885	98	C	Sandy Loam	Ramos,Hoke	4/8/2017	Fauna	Bone	Bone Fragment	Large Mammal distel end of a BOS (Cow) Humerus
Nate Harrison	10050	9885	98	C	Sandy Loam	Ramos,Hoke	4/8/2017	Fauna	Bone	bone fragment	fragment from the large mammal bone
Nate Harrison	10050	9885	98	C	Sandy Loam	Hoke, Pierre	3/30/2017	Fauna	Bone	burned bone fragments	burned bone fragments
Nate Harrison	10050	9885	98	C	Sandy Loam	Hoke, Pierre	3/30/2017	Fauna	Bone	Radius fragment	radius fragment
Nate Harrison	10050	9885	98	C	Sandy Loam	Hoke, Pierre	3/30/2017	Fauna	Bone	unknown bone fragment	unknown bone fragments
Nate Harrison	10050	9885	98	C	Sandy Loam	Hoke, Pierre	3/30/2017	Fauna	tooth	tooth fragment	tooth fragment
Nate Harrison	10050	9895	98	C	Sandy Loam	Hoke, Pierre	3/30/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10050	9885	98	C	Sandy Loam	Hoke, Pierre	3/30/2017	Glass	Glass	Base Fragment	glass base fragment
Nate Harrison	10050	9895	98	C	Sandy Loam	Hoke, Pierre	3/30/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10050	9885	98	C	Sandy Loam	Ramos,Hoke	4/8/2017	Metal	alloy	casing	Casing with "REM-UMC 32 WCF" stamped on bottom

APPENDIX B

Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
twisted into a loop	No								1	wire fragment
	No								1	fence staple
appears black	No								1	metal ring
slightly rusted	No								1	button
	No								1	unknown metal piece
wire nail is bent	No								3	nail
	no								1	long bone fragment
butchered	no								2	butchered rib fragments
	no								16	Unknown bone fragments
shell button	No								1	shell button
	No		aqua						1	fragment
	No		green						1	fragment
iridescent patina	No		brown						3	fragment
iridescent patina	No		clear						10	fragments
metal shoe eyelits	No								3	metal shoe eyelits
metal clothing rivet	no								1	metal cloth rivet
rusted	No								41	metal fragments
rusted, complete	No								3	wire nails
rusted, 2 complete/1 partial	No								3	machined nails
rusted	No								5	wire fragments
	No		white						2	whiteware
	no		yellow						1	yellowware lip
none	No								1	Huge, girthy distal humerus end
none	No								1	
burned	no								3	burned bone fragments
	no								2	radius fragment
	no								10	Unknown bone fragments
	no								1	tooth fragment
iridescent patina	No		clear						13	clear glass fragments
slightly concave, circular pattern on base	No		solarized amethyst						1	amethyst base fragment
iridescent patina	No		amber						1	amber glass fragment
"REM-UMC 32 WCR" stamped on bottom	yes								1	Casing with "REM-UMC 32 WCF" stamped on bottom

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	10050	9885	98	C	Sandy Loam	Hoke, Pierre	3/30/2017	metal	alloy	scrap pieces	metal flake scraps
Nate Harrison	10050	9885	98	C	Sandy Loam	Hoke, Pierre	3/30/2017	Metal	alloy	wire	Metal wire
Nate Harrison	10050	9885	98	C	Sandy Loam	Hoke, Pierre	3/30/2017	Metal	iron	can	can base
Nate Harrison	10050	9885	98	C	Sandy Loam	Hoke, Pierre	3/30/2017	Metal	iron	can	can base with part of walls
Nate Harrison	10050	9885	98	C	Sandy Loam	Hoke, Pierre	3/30/2017	Metal	iron	can	tobacco can
Nate Harrison	10050	9885	98	C	Sandy Loam	Hoke, Pierre	3/30/2017	Metal	iron	can	fragment
Nate Harrison	10050	9885	98	C	Sandy Loam	Hoke, Pierre	3/30/2017	Metal	iron	fragments	unknown metal fragments
Nate Harrison	10050	9885	98	C	Sandy Loam	Hoke, Pierre	3/30/2017	Metal	iron	key	sardine key with metal wrapping
Nate Harrison	10050	9885	98	C	Sandy Loam	Hoke, Pierre	3/30/2017	metal	iron	Nail	Full Nail, extreme oxidation
Nate Harrison	10050	9885	98	C	Sandy Loam	Hoke, Pierre	3/30/2017	Metal	Lead	metal scrap	Lead metal scrap piece
Nate Harrison	10050	9885	98	D	Sandy Loam	Hoke, Pierre	3/31/2017	Ceramic	Ceramic	Ceramic Fragment	white ware fragment
Nate Harrison	10050	9885	98	D	Sandy Loam	Hoke, Pierre	3/31/2017	Fauna	bone	bos vertebrae	Bos vertebrae
Nate Harrison	10050	9885	98	D	Sandy Loam	Hoke, Pierre	3/31/2017	Fauna	Bone	fragment	mammal bone fragment
Nate Harrison	10050	9885	98	D	Sandy Loam	Hoke, Pierre	3/31/2017	Fauna	Bone	Fragment	unidentified mammal rib fragment
Nate Harrison	10050	9885	98	D	Sandy Loam	Hoke, Ramos	4/8/2017	Fauna	Bone	fragments	avian bone fragments
Nate Harrison	10050	9885	98	D	Sandy Loam	Hoke, Pierre	3/31/2017	Fauna	bone	rib fragments	rib fragments
Nate Harrison	10050	9885	98	D	Sandy Loam	Hoke, Pierre	3/31/2017	Fauna	Bone	rodent tibia and Fibula	rodent long bone
Nate Harrison	10050	9885	98	D	Sandy Loam	Hoke, Pierre	3/31/2017	Fauna	bone	small mammal bone fragments	small mammal bone fragments
Nate Harrison	10050	9885	98	D	Sandy Loam	Hoke, Pierre	3/31/2017	Fauna	bone	unidentified bone fragments	unidentified bone fragments
Nate Harrison	10050	9885	98	D	Sandy Loam	Hoke, Pierre	3/31/2017	Fauna	Bone	Unidentified rodent pelvis	half
Nate Harrison	10050	9885	98	D	Sandy Loam	Hoke, Pierre	3/31/2017	Fauna	Shell	Button	shell button
Nate Harrison	10050	9885	98	D	Sandy Loam	Hoke, Pierre	3/31/2017	Fauna	tooth	canine incisor	canine incisor
Nate Harrison	10050	9885	98	D	Sandy Loam	Hoke, Pierre	3/31/2017	Flora	Peach	Peach pit	peach pit fragment
Nate Harrison	10050	9885	98	D	Sandy Loam	Hoke, Pierre	3/31/2017	Flora	Wood	Charcoal	fragments
Nate Harrison	10050	9885	98	D	Sandy Loam	Hoke, Ramos	4/8/2017	Flora	Wood	Charcoal	charcoal
Nate Harrison	10050	9885	98	D	Sandy Loam	Hoke, Pierre	3/31/2017	Glass	Glass	Fragment	glass fragments
Nate Harrison	10050	9885	98	D	Sandy Loam	Hoke, Pierre	3/31/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10050	9885	98	D	Sandy Loam	Hoke, Pierre	3/31/2017	Glass	Glass	Fragment	undecorated
Nate Harrison	10050	9885	98	D	Sandy Loam	Hoke, Pierre	3/31/2017	Metal	alloy	rivet	metal rivet
Nate Harrison	10050	9885	98	D	Sandy Loam	Hoke, Pierre	3/31/2017	Metal	Iron	can	bottom half can
Nate Harrison	10050	9885	98	D	Sandy Loam	Hoke, Pierre	3/31/2017	Metal	Iron	can	Prince albert style tobacco can
Nate Harrison	10050	9885	98	D	Sandy Loam	Hoke, Pierre	3/31/2017	Metal	iron	clip	metal clip
Nate Harrison	10050	9885	98	D	Sandy Loam	Hoke, Pierre	3/31/2017	Metal	Iron	fragment	can fragment

APPENDIX B

Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
	No								83	oxidized metal flake scraps
	no								2	metal oxidized wire
	No								3	can base
	No								1	can base with part of wall
	No								1	tobacco can
	No								1	can fragment
	No								5	unknown metal fragments
	No								1	Sardine key with metal wrapping
	no								1	Iron oxidized Nail
modification marks	No		Gray						1	Lead scrap piece
concave	No								1	concave white cermaic fragment
	No								2	bos vertebrae
small	No								5	unidentinified mammal bone fragments
rib	No								1	unidentified mammal rib fragment
	No								52	avian bone fragments
	No								4	rib fragments
tibia and Fibula fused	No								1	fused tibia and fibula from unidentified rodent
	No								8	small mammal bone fragments
	No								12	unidentified bone fragments
complete acetablium	No								1	half rodent pelvis
complete	No		white						1	complete white shell button
	No								1	canine incisor
	No								1	peach pit fragment
burned	No		black						4	burned charcoal fragments
	No								2	charcoal
	No		clear						12	clear glass fragments
corner fragment, white and iridescent patina	No		amber						1	amber glass corner fragment
	No		clear						2	fragment
	no								1	metal rivet
missing lid	No								1	Large lidless can
missing lid	No								1	prince albert style tabbaco can without lid
	No								1	metal clip
small	No								77	small metal can fragments

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	10050	9885	98	D	Sandy Loam	Hoke, Pierre	3/31/2017	Metal	Iron	Fragment	can fragment
Nate Harrison	10050	9885	98	D	Sandy Loam	Hoke, Pierre	3/31/2017	Metal	Iron	Nail	nails
Nate Harrison	10050	9885	98	D	Sandy Loam	Hoke, Ramos	4/8/2017	Metal	Iron	Wire	wire fragments
Nate Harrison	10050	9885	98	D	Sandy Loam	Hoke, Pierre	3/31/2017	Metal	Iron	Wires	wire fragments
Nate Harrison	10050	9885	98	D	Sandy Loam	Hoke, Ramos	4/8/2017	Metal	Iron	Fragments	metal fragments
Nate Harrison	10050	9885	98	D	Sandy Loam	Hoke, Pierre	3/31/2017	other	rubber	other	fragments
Nate Harrison	10050	9915	99	A	Sandy Loam	Bradley, Ayala	3/27/2017	Ceramic	White-ware	sherd	whiteware
Nate Harrison	10050	9915	99	A	Sandy Loam	Bradley, Ayala	3/27/2017	Fauna	Bone	Fragments	unknown animal fragments
Nate Harrison	10050	9915	99	A	Sandy Loam	Bradley, Ayala	3/27/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10050	9915	99	A	Sandy Loam	Bradley, Ayala	3/27/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10050	9915	99	A	Sandy Loam	Bradley, Ayala	3/27/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10050	9915	99	A	Sandy Loam	Bradley, Ayala	3/27/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10050	9915	99	A	Sandy Loam	Bradley, Ayala	3/27/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10050	9915	99	A	Sandy Loam	Bradley, Ayala	3/27/2017	Metal	alloy	casing	short bullet casing with "U" stamped on bottom
Nate Harrison	10050	9915	99	A	Sandy Loam	Bradley, Ayala	3/27/2017	Metal	iron	bracket	metal bracket
Nate Harrison	10050	9915	99	A	Sandy Loam	Bradley, Ayala	3/27/2017	Metal	Iron	Fragment	metal fragments
Nate Harrison	10050	9915	99	A	Sandy Loam	Bradley, Ayala	3/27/2017	Metal	Iron	nail	machine cut
Nate Harrison	10050	9915	99	A	Sandy Loam	Bradley, Ayala	3/27/2017	Metal	Iron	nail	wire cut
Nate Harrison	10050	9915	99	A	Sandy Loam	Bradley, Ayala	3/27/2017	Metal	Iron	Wire	fragment
Nate Harrison	10050	9915	99	A	Sandy Loam	Bradley, Ayala	3/27/2017	Metal	lead	bullet	impacted bullet
Nate Harrison	10050	9910	99	B	Sandy Loam	Bradley, Ayala	3/28/2017	Fauna	bone	fragments	unknown bone fragments
Nate Harrison	10050	9910	99	B	Sandy Loam	Bradley, Ayala	3/28/2017	Fauna	bone	mandible	mandible fragment - mandibular condyle
Nate Harrison	10050	9910	99	B	Sandy Loam	Bradley, Ayala	3/28/2017	Fauna	bone	Radius fragment	distal end of ovis radius
Nate Harrison	10050	9910	99	B	Sandy Loam	Bradley, Ayala	3/28/2017	Fauna	Leather	Fragment	leather fragment
Nate Harrison	10050	9910	99	B	Sandy Loam	Bradley, Ayala	3/28/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10050	9910	99	B	Sandy Loam	Bradley, Ayala	3/28/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10050	9910	99	B	Sandy Loam	Bradley, Ayala	3/28/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10050	9910	99	B	Sandy Loam	Bradley, Ayala	3/28/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10050	9910	99	B	Sandy Loam	Bradley, Ayala	3/28/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10050	9910	99	B	Sandy Loam	Bradley, Ayala	3/28/2017	Metal	alloy	casing	casing with "WRA CO 45 COLT" stamped on bottom
Nate Harrison	10050	9910	99	B	Sandy Loam	Bradley, Ayala	3/28/2017	Metal	Iron	Nails	wire nails

APPENDIX B

Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
corner	No								3	metal can fragment
wire cut	No								2	wire cut nails
one twisted into a loop	No								7	wire fragments
	No								9	metal wire fragments
rusted	No								134	metal fragments
rubber strip	No		white						2	white rubber fragments
	No		white						1	whiteware
	No								3	unknown animal fragments
	No		solarized amethyst						13	amethyst glass fragments
white patina	No		amber						4	amber glass fragments
	No		light amber						4	light amber glass fragments
white patina	No		aqua						5	aqua glass fragments
	No		clear						22	clear glass fragments
"U" stamped on bottom	yes								1	short casing with "U" stamped on bottom
metal bracket with nail	No								1	metal bracket with nail
	No								1	metal fragments
machine cut nail	No								3	machine cut nail
wire cut nail	No								8	wire cut nail
	No								8	metal wire fragments
impacted	no								1	impacted bullet
	No								5	Unknown bone fragments
	No								1	mandible fragment - mandibular condyle
	No								1	distal end of ovis radius
bent	No								1	leather fragment
	No		amber						10	amber glass fragments
scratched	No		clear						9	clear glass fragments
	No		solarized amethyst						21	amethyst glass fragments
some have white patina, one says "M", another "A S"	Yes		aqua						6	aqua glass fragments with "M / A S"
	No		solarized amethyst						9	amethyst glass fragments
"WRA CO 45 COLT" stamped on bottom	yes								1	casing with "WRA CO 45 COLT" stamped on bottom
rusted, complete	No								5	complete wire nails

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Co-ordinates	East Coor-dinates	ER unit	Lay-er	Layer De-scription	Excavator(s)	Date Exca-vated	Material Category	Material Type	Object	Object Description
Nate Harrison	10050	9910	99	B	Sandy Loam	Bradley, Ayala	3/28/2017	Metal	Iron	Nails	machined nails
Nate Harrison	10050	9910	99	B	Sandy Loam	Bradley, Ayala	3/28/2017	Metal	Iron	Wire	wire fragments
Nate Harrison	10050	9910	99	B	Sandy Loam	Bradley, Ayala	3/28/2017	Metal	Un-known	Lens	possible camera lens
Nate Harrison	10050	9910	99	C	Sandy Loam	Bradley, Ayala	3/29/2017	Fauna	Bone	Fragments	large bone frag-ments
Nate Harrison	10050	9910	99	C	Sandy Loam	Bradley, Ayala	3/29/2017	Fauna	Bone	Fragments	small bone fraag-ments
Nate Harrison	10050	9910	99	C	Sandy Loam	Bradley, Ayala	3/29/2017	Fauna	Bone	Pelvis Fragment	pelvis fragment
Nate Harrison	10050	9910	99	C	Sandy Loam	Bradley, Ayala	3/29/2017	Fauna	Leather	Fragment	small pieces of leather
Nate Harrison	10050	9910	99	C	Sandy Loam	Bradley, Ayala	3/29/2017	Flora	Wood	Peg	small wood piece with striations
Nate Harrison	10050	9910	99	C	Sandy Loam	Bradley, Ayala	3/29/2017	Glass	Glass	Bottle Fragment	bottle fragment w/ part of base
Nate Harrison	10050	9910	99	C	Sandy Loam	Bradley, Ayala	3/29/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10050	9910	99	C	Sandy Loam	Bradley, Ayala	3/29/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10050	9910	99	C	Sandy Loam	Bradley, Ayala	3/29/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10050	9910	99	C	Sandy Loam	Bradley, Ayala	3/29/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10050	9910	99	C	Sandy Loam	Bradley, Ayala	3/29/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10050	9910	99	C	Sandy Loam	Bradley, Ayala	3/29/2017	Metal	Alloy	Button	button connected to flat base by metal bar
Nate Harrison	10050	9910	99	C	Sandy Loam	Bradley, Ayala	3/29/2017	Metal	Alloy	Tack	metal tack
Nate Harrison	10050	9910	99	C	Sandy Loam	Bradley, Ayala	3/29/2017	Metal	Alloy	Casing	metal casing
Nate Harrison	10050	9910	99	C	Sandy Loam	Bradley, Ayala	3/29/2017	Metal	Iron	Fragments	metal fragments
Nate Harrison	10050	9910	99	C	Sandy Loam	Bradley, Ayala	3/29/2017	Metal	Iron	horseshoe fragment	one side of the horseshoe
Nate Harrison	10050	9910	99	C	Sandy Loam	Bradley, Ayala	3/29/2017	Metal	Iron	Nails	complete wire nails
Nate Harrison	10050	9910	99	C	Sandy Loam	Bradley, Ayala	3/29/2017	Metal	Iron	Wire	wire fragments
Nate Harrison	10050	9910	99	D	Sandy Loam	Bradley, Ayala	3/30/2017	Fauna	Bone	Fragment	small bone fragment
Nate Harrison	10050	9910	99	D	Sandy Loam	Bradley, Ayala	3/30/2017	Fauna	Bone	unidenti-fied bone fragments	unidentified bone fragments
Nate Harrison	10050	9910	99	D	Sandy Loam	Bradley, Ayala	3/30/2017	Fauna	Bone	unidenti-fied long bone fragment	unidentified long bone fragment
Nate Harrison	10050	9910	99	D	Sandy Loam	Bradley, Ayala	3/30/2017	Glass	Glass	Bottle base	bottle base
Nate Harrison	10050	9910	99	D	Sandy Loam	Bradley, Ayala	3/30/2017	Glass	glass	fragment	flat, undecorated
Nate Harrison	10050	9910	99	D	Sandy Loam	Bradley, Ayala	3/30/2017	glass	glass	fragment	concave, has ridges
Nate Harrison	10050	9910	99	D	Sandy Loam	Bradley, Ayala	3/30/2017	Metal	Iron	Fragments	metal fragments

APPENDIX B

Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
rusted, complete	No								5	complete machined nails
rusted, small	No								4	wire fragments
threading around the bottom	No								1	possible camera lens
	No								3	large bone fragments
unidentified small mammal bone fragments	No								24	small bone fragments
	No								1	pelvis fragment
	No								2	two small leather fragments
	No								1	small wooden piece with striations
ribbed decoration	No		clear						1	clear bottle fragment
concave	No		olive green						1	olive green glass fragment
	No		amber						4	amber glass fragments
	No		solarized amethyst						9	amethyst glass fragments
	No		aqua						13	aqua glass fragments
scratched	No		clear						5	clear glass fragments
oxidized	No								1	button with base
	No								1	metal tack
broken	No								2	metal casing
rusty	No								71	metal fragments
Rusted metal	No								1	rusted horseshoe fragment
rusty	No								2	complete wire nails
rusty	No								6	wire fragments
	No								1	small bone fragment
	No								2	unidentified bone fragments
butchered	No								1	unidentified long bone fragment
"FULL PINT" & "96" on bottom, concave bottom, seam on sides	No		solarized amethyst						1	bottle base
clear glass fragment	no		clear						1	flat, undecorated
possible screw portion of bottle	no		solarized amethyst						1	concave, has ridges
rusted	No								4	metal fragments

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	10050	9910	99	D	Sandy Loam	Bradley, Ayala	3/30/2017	Metal	Alloy	Screw	small metal screw
Nate Harrison	10050	9910	99	D	Sandy Loam	Bradley, Ayala	3/30/2017	Metal	Iron	Nail	machined nail
Nate Harrison	10050	9915	100	A	Mixed Fill	Landa, Allen	3/27/2017	Ceramic	White-ware	sherd	whiteware
Nate Harrison	10050	9915	100	A	Mixed Fill	Landa, Allen	3/27/2017	Fauna	bone	femur	small mammal femur
Nate Harrison	10050	9915	100	A	Mixed Fill	Landa, Allen	3/27/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10050	9915	100	A	Mixed Fill	Landa, Allen	3/27/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10050	9915	100	A	Mixed Fill	Landa, Allen	3/27/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10050	9915	100	A	Mixed Fill	Landa, Allen	3/27/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10050	9915	100	A	Mixed Fill	Landa, Allen	3/27/2017	Metal	alloy	d loop	hiking boot loop
Nate Harrison	10050	9915	100	A	Mixed Fill	Landa, Allen	3/27/2017	Metal	Iron	decorative metal object	metal wire bent in an artistic way
Nate Harrison	10050	9915	100	A	Mixed Fill	Landa, Allen	3/27/2017	Metal	Iron	metal fragments	metal fragments
Nate Harrison	10050	9915	100	A	Mixed Fill	Landa, Allen	3/27/2017	Metal	Iron	nail	machine cut nails
Nate Harrison	10050	9915	100	A	Mixed Fill	Landa, Allen	3/27/2017	Metal	Iron	nail	wire cut nails
Nate Harrison	10050	9915	100	A	Mixed Fill	Landa, Allen	3/27/2017	Metal	Iron	Tack	metal tack
Nate Harrison	10050	9915	100	A	Mixed Fill	Landa, Allen	3/27/2017	other	plastic	button	fragment
Nate Harrison	10050	9915	100	B	Sandy Loam	Landa, Allen	3/28/2017	Fauna	Bone	Fragment	small bone fragment
Nate Harrison	10050	9915	100	B	Sandy Loam	Landa, Allen	3/28/2017	Flora	Rock	Quartz	quartz fragment
Nate Harrison	10050	9915	100	B	Sandy Loam	Landa, Allen	3/28/2017	Glass	Glass	Fragment	glass fragment
Nate Harrison	10050	9915	100	B	Sandy Loam	Landa, Allen	3/28/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10050	9915	100	B	Sandy Loam	Landa, Allen	3/28/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10050	9915	100	B	Sandy Loam	Landa, Allen	3/28/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10050	9915	100	B	Sandy Loam	Landa, Allen	3/28/2017	Glass	Glass	Fragments	glass fragments
Nate Harrison	10050	9915	100	B	Sandy Loam	Landa, Allen	3/28/2017	Metal	Alloy	Button	metal button
Nate Harrison	10050	9915	100	B	Sandy Loam	Landa, Allen	3/28/2017	Metal	Iron	Fragment	metal fragment
Nate Harrison	10050	9915	100	B	Sandy Loam	Landa, Allen	3/28/2017	Metal	Iron	Nail	machined nail
Nate Harrison	10050	9915	100	B	Sandy Loam	Landa, Allen	3/28/2017	Metal	Iron	Staple	metal staple
Nate Harrison	10050	9915	100	B	Sandy Loam	Landa, Allen	3/28/2017	Metal	Iron	Wire	wire fragment
Nate Harrison	10050	9915	100	C	Sandy Loam	Landa, Allen	3/29/2017	Fauna	Bone	bone fragments unidentified	bone fragments
Nate Harrison	10050	9915	100	C	Sandy Loam	Landa, Allen	3/29/2017	Glass	Glass	Fragment	brown glass fragments
Nate Harrison	10050	9915	100	C	Sandy Loam	Landa, Allen	3/29/2017	Glass	Glass	Fragment	clear glass fragments
Nate Harrison	10050	9915	100	C	Sandy Loam	Landa, Allen	3/29/2017	Glass	Glass	Fragment	milky glass fragments
Nate Harrison	10050	9915	100	C	Sandy Loam	Landa, Allen	3/29/2017	glass	glass	fragment	concave, undecorated
Nate Harrison	10050	9915	100	C	Sandy Loam	Landa, Allen	3/29/2017	glass	glass	fragment	flat, undecorated
Nate Harrison	10050	9915	100	C	Sandy Loam	Landa, Allen	3/29/2017	glass	glass	fragment	concave, undecorated
Nate Harrison	10050	9915	100	C	Sandy Loam	Landa, Allen	3/29/2017	Metal	alloy	bullet	bullets out of casings
Nate Harrison	10050	9915	100	C	Sandy Loam	Landa, Allen	3/29/2017	Metal	Alloy	Fragments	unknown metal fragments

APPENDIX B

Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
bent	No								1	bent metal screw
rusted, partial	No								1	partial machined nail
	No		white						1	whiteware
	No								1	small mammal femur
	No		green						1	green glass fragment
scratched	No		aqua						3	aqua glass fragments
scratched	No		clear						8	clear glass fragments
one piece has four lines and "MAA"	No		solarized amethyst						15	amethyst glass fragments
lacing d ring	no								1	lacing d loop
	No								1	metal wire bent in an artistic way
	No								4	metal fragments
machine cut	No								3	machine cut nails
wire cut	No								2	wire cut nails
	No								1	metal tack
button fragment	No								1	plactic button fragment
	No								1	small bone fragment
	No								1	small quartz fragment
	No		blue						1	blue glass fragment
	No		amber						5	amber glass fragments
	No		solarized amethyst						13	amethyst glass fragments
	No		aqua						2	aqua glass fragments
	No		clear						22	clear glass fragments
"CONE'S BOSS" and three stars on front, and slight crack	Yes								1	Button, "Cone's Boss"
rusted	No								1	rusted metal fragment
partial, rusted	No								1	partial machined nail
rusted	No								1	rusted metal staple
rusted, twisted into a loop	No								1	twisted wire fragment
	No								3	bone fragments
brown glass fragment	No		brown						3	brown glass fragments
clear glass fragment	No		clear						5	clear glass fragments
milky glass fragment	No		milky						2	milky glass fragments
	no		clear						1	concave, undecorated
	No		clear						1	flat, undecorated
	no		brown						2	concave, undecorated
	no								2	bullets out of casings
	No								4	unknown metal fragments

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	10050	9915	100	C	Sandy Loam	Landa, Allen	3/29/2017	Metal	Alloy	Nail	rectangular metal nails
Nate Harrison	10050	9915	100	C	Sandy Loam	Landa, Allen	3/29/2017	Metal	Alloy	Nail	square metal nail
Nate Harrison	10050	9915	100	C	Sandy Loam	Landa, Allen	3/29/2017	metal	alloy	rivet	metal rivet
Nate Harrison	10050	9915	100	C	Sandy Loam	Landa, Allen	3/29/2017	Metal	Alloy	Small horseshoe shaped hook	Horseshoe shaped hook
Nate Harrison	10050	9915	100	C	Sandy Loam	Landa, Allen	3/29/2017	Metal	Alloy	Spoon	flower design on handle
Nate Harrison	10050	9915	100	C	Sandy Loam	Landa, Allen	3/29/2017	Metal	Alloy	Wire	wire fragments
Nate Harrison	10050	9915	100	C	Sandy silt	Landa, Allen	3/29/2017	Ceramic	White-ware	sherd	whiteware
Nate Harrison	10050	9915	100	C	Sandy Silt	Landa, Allen	3/29/2017	Flora	Wood	charcoal	charcoal
Nate Harrison	10050	9915	100	C	Sandy silt	Landa, Allen	3/29/2017	glass	glass	fragment	concave, undecorated
Nate Harrison	10050	9915	100	C	Sandy Silt	Landa, Allen	3/29/2017	glass	glass	fragment	concave, letters embossed
Nate Harrison	10050	9915	100	C	Sandy silt	Landa, Allen	3/29/2017	Metal	iron	fragments	metal fragments
Nate Harrison	10050	9915	100	C	Sandy Silt	Landa, Allen	3/29/2017	Metal	iron	nail	wire cut nails
Nate Harrison	10050	9915	100	C	Sandy silt	Landa, Allen	3/29/2017	Metal	iron	nail	machine cut nails
Nate Harrison	10050	9915	100	C	Sandy silt	Landa, Allen	3/29/2017	Metal	iron	screw	screw
Nate Harrison	10050	9915	100	E	Sandy Loam	Landa	4/8/2017	Metal	iron	nail	wire cut nails
Nate Harrison	10050	9915	100	E	Sandy silt	Landa, Allen	3/30/2017	Ceramic	Ceramic	sherd	ceramic sherd
Nate Harrison	10050	9915	100	E	Sandy silt	Landa, Allen	3/30/2017	Fauna	Bone	fragment	long bone fragment
Nate Harrison	10050	9915	100	E	Sandy silt	Landa, Allen	3/30/2017	Fauna	Bone	unidentified bone fragments	unidentified bone fragments
Nate Harrison	10050	9915	100	E	Sandy silt	Landa, Allen	3/30/2017	Glass	Glass	Fragment	concave, undecorated
Nate Harrison	10050	9915	100	E	Sandy silt	Landa, Allen	3/30/2017	Glass	Glass	Fragment	concave, undecorated
Nate Harrison	10050	9915	100	E	Sandy silt	Landa, Allen	3/30/2017	Glass	Glass	Fragment	flat, undecorated
Nate Harrison	10050	9915	100	E	Sandy silt	Landa, Allen	3/30/2017	Glass	Glass	Fragment	flat, undecorated
Nate Harrison	10050	9915	100	E	Sandy silt	Landa, Allen	3/30/2017	Metal	alloy	rivet	rivet for clothing
Nate Harrison	10050	9915	100	E	Sandy silt	Landa, Allen	3/30/2017	Metal	Iron	fragments	metal fragments
Nate Harrison	10050	9915	100	E	Sandy silt	Landa, Allen	3/30/2017	Metal	Iron	nail	wire cut nail
Nate Harrison					No Provenience			Fauna	bone	long bone fragment	long bone fragment
Nate Harrison					No Provenience			Fauna	bone	rib fragment	rib fragment
Nate Harrison					No Provenience			Fauna	bone	rodent skull	rodent skull
Nate Harrison					No Provenience			Fauna	bone	unknown animal fragments	unknown animal fragments
Nate Harrison					No Provenience			Fauna	bone	unknown foot bone	unknown foot bone
Nate Harrison					No Provenience			flora	wood	charcoal	charcoal
Nate Harrison					No Provenience			Metal	iron	can	circular can base
Nate Harrison					No Provenience			Metal	iron	can	can base with part of walls
Nate Harrison					No Provenience			Metal	iron	fragments	unknown metal fragments

APPENDIX B

Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
	No								2	machine cut nail
	No								1	machine cut nail
rivet for clothing	No								1	metal clothing rivet
	No								4	horseshoe shaped hook
WM BOC on back	Yes								1	flower design on handle, WM BOC on back
	No								1	wire fragments
	No		white						1	whiteware
burned	No		black						1	charcoal
	no		aqua						1	concave, undecorated
	No		solarized amethyst						1	concave, letters embossed
	No								4	metal fragments
	no								2	wire cut nail
	No								2	machine cut nails
	No								1	screw
wire cut	No								2	wire cut nails
possible NA origin	No		dark grey						1	ceramic sherd
	no								2	long bone fragment
	No								3	unidentified bone fragments
	no		clear						1	fragments
	no		aqua						1	fragments
	no		clear						6	flat fragments
	No		aqua						1	fragment
metal clothing rivet	No								1	metal cloth rivet
	No								2	metal fragments
wire cut	No								4	wire cut nails
	No								1	long bone fragment
	No								1	rib fragment
	No								1	rodent skull
	No								4	unknown animal fragments
	No								1	unknown foot bone
burned	No								38	charcoal
	No								1	circular can base
	No								1	can base with part of wall
	No								1	unknown metal fragments

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison					No Provenience			Metal	iron	small rod	small iron rod
Nate Harrison					Surface Find 1	Lennox, Moore, Farnsworth	4/8/2017	Stone	Ground Stone	Fragment	Mano Fragment
Nate Harrison	33.334	116.936			Surface Find 10			Metal	Nail	machine cut nail	machine cut
Nate Harrison	33.334	116.936			Surface Find 11			Metal	Iron	metal can bottom	round metal base
Nate Harrison	33.333	116.936			Surface Find 13			Glass	Glass	bottle base fragment	possible wine bottle base; large concave portion
Nate Harrison	33.334	116.936			Surface Find 15			Fauna	bone	ovis radius	butcherd ovis radius
Nate Harrison	33.334	116.936			Surface Find 15			Fauna	bone	fragment	unid mm bone
Nate Harrison	33.334	116.936			Surface Find 18			Metal	iron	fragment	metal fragment
Nate Harrison					Surface Find 19	Davis		Stone	ground stone	mano fragment	mano fragment
Nate Harrison	33.334	116.936			Surface Find 2			Metal	iron	can base	can base
Nate Harrison	33.334	116.936			Surface Find 2			Metal	Iron	fragment	metal fragment
Nate Harrison	33.340	116.936			Surface Find 20			Fauna	bone	vertebrae fragment	vertebrae fragment
Nate Harrison	33.340	116.936			Surface Find 20			Flora	wood	Charcoal	charcoal
Nate Harrison	33.340	116.936			Surface Find 20			Glass	glass	bottle	bottom half of bottle
Nate Harrison	33.340	116.936			Surface Find 20			Glass	glass	bottle neck	bottle neck
Nate Harrison	33.340	116.936			Surface Find 20			Glass	glass	bottom fragment	bottom fragments
Nate Harrison	33.340	116.936			Surface Find 20			Glass	glass	bottom fragment	bottom fragments
Nate Harrison	33.340	116.936			Surface Find 20			Glass	glass	Fragment	concave
Nate Harrison	33.340	116.936			Surface Find 20			Glass	glass	fragment	concave, "E" embossed
Nate Harrison	33.340	116.936			Surface Find 20			Glass	glass	fragment	concave, "S TRADE" embossed on surface
Nate Harrison	33.340	116.936			Surface Find 20			Glass	glass	fragment	concave, "REGISTER" embossed on surface
Nate Harrison	33.334	116.936			Surface Find 20			Glass	glass	fragment	jar lid fragment
Nate Harrison	33.340	116.936			Surface Find 20			Glass	glass	fragments	concave, undecorated
Nate Harrison	33.340	116.936			Surface Find 20			Glass	glass	fragments	concave, undecorated
Nate Harrison	33.340	116.936			Surface Find 20			Glass	glass	fragments	concave, undecorated
Nate Harrison	33.340	116.936			Surface Find 20			Glass	glass	fragments	concave, undecorated
Nate Harrison	33.340	116.936			Surface Find 20			Glass	glass	fragments	concave, undecorated

APPENDIX B

Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
	No								1	small rod
pecking, modified	No								1	Mano fragment, pecking observed
	no								1	machine cut nail
	no								1	metal can base
	No		green						1	possible wine bottle base fragment
	No								1	butchered oviv radius
	No								1	Unid MM bone fragment
	No								1	metal fragment
	No								1	mano fragment
	No								1	metal can base
	No								1	metal fragment
	no								1	vertebrae fragment
burned	no		black						2	charcoal
Diamond with "IPGO" and 2673 embossed on bottom	yes		brown						1	bottom half of bottle
Contains the lip, collar, neck, and portion of shoulder	no		solarized amethyst						1	bottle neck
	no		brown						2	bottom fragments
line embossed on bottom	yes		clear						1	bottom fragment with line embossed on it
lip of cup, has notches long edge	no		clear						1	clear cup fragment with thin glass and ridges along edge
"E" embossed	no		light green						1	light green bottle fragment with "E" stamped on it
"S TRADE" embossed on surface	No		clear						1	concave, "S TRADE" embossed on surface
"REGISTER" embossed on surface	No		clear						1	"REGISTER" embossed on surface
	No		clear						1	jar lid fragment
thick glass	no		clear						2	concave, undecorated, thick glass
thin glass	no		clear						2	concave, undecorated, thin glass
	no		dark green						5	concave, undecorated
	no		brown						9	concave, undecorated
	No		clear						3	concave, undecorated

THE NATE HARRISON HISTORICAL ARCHAEOLOGY PROJECT

Site Name	North Coordinates	East Coordinates	ER unit	Layer	Layer Description	Excavator(s)	Date Excavated	Material Category	Material Type	Object	Object Description
Nate Harrison	33.340	116.936			Surface Find 20			Glass	glass	fragments	flat, undecorated
Nate Harrison	33.340	116.936			Surface Find 20			Glass	glass	neck fragment	neck fragment
Nate Harrison	33.340	116.936			Surface Find 20			Glass	glass	sarsparilla bottle fragments	indented with "SAR-SA" embossed
Nate Harrison	33.340	116.936			Surface Find 20			Glass	glass	fragment	concave, "IET CONTENT" embossed
Nate Harrison	33.340	116.936			Surface Find 20			Glass	glass	sarsparilla bottle fragments	indented with "LOWELL MASS U.S." embossed
Nate Harrison					Surface Find 21	Garcia	3/29/2017	Stone	chipped stone	flake	chipped stone flake
Nate Harrison					Surface Find 22	Davis, Turner	3/29/2017	Stone	chipped stone	flake	chipped stone flake
Nate Harrison	33.334	116.936			Surface Find 23			Glass	glass	Bottle Neck	bottle neck fragment
Nate Harrison	33.334	116.936			Surface Find 23			glass	glass	bottle neck	bottle neck fragment
Nate Harrison	33.334	116.936			Surface Find 23			glass	glass	fragment	"PPE" embossed on surface
Nate Harrison	33.334	116.936			Surface Find 23			glass	glass	fragment	concave, undecorated
Nate Harrison	33.334	116.936			Surface Find 23			glass	glass	fragment	concave, undecorated
Nate Harrison	33.334	116.936			Surface Find 23			glass	glass	fragment	concave, undecorated
Nate Harrison	33.334	116.936			Surface Find 23			glass	glass	fragments	concave, undecorated
Nate Harrison	33.334	116.936			Surface find 24			Fauna	leather	shoe leather	pieces of shoe leather
Nate Harrison					Surface Find 3	Lennox	2/11/2017	Glass	Glass	fragment	concave, undecorated
Nate Harrison					Surface Find 4		3/28/2017	metal	alloy	chainsaw bit	chainsaw bit
Nate Harrison	33.334	116.936			Surface Find 6			other	rubber	corner guard	corner guard that goes on wire portion of basket
Nate Harrison	33.334	116.936			Surface Find 7			glass	glass	fragments	concave, undecorated
Nate Harrison	33.334	116.936			Surface Find 8			Glass	Glass	fragments	concave, undecorated
Nate Harrison	33.334	116.936			Surface Find 9			Glass	Glass	fragments	concave, undecorated

APPENDIX B

Attributes	Makers Mark	Date Range	Color	Height	Length	Width	Weight in Grams	Diameter	Quantity	Notes/Interpretations
Largley flat, with curling at ends	no		solarized amethyst						2	flat, curling at ends
	no		brown						1	neck fragment
iridescent patina, "SARSA" embossed	no		aqua						1	iridescent patina, sarsparilla bottle, "SARSA" embossed
"IET CONTENT" embossed	no		brown						1	"IET CONTENT" embossed
iridescent patina, "LOWELL MASS U.S." embossed	no		aqua						1	iridescent patina, sarsparilla bottle, "LOWELL MASS U.S." embossed
obsidian	no								1	Chipped stone flake
	No								1	Chipped stone flake
	No		aqua						1	bottle neck fragment
	No		brown						1	bottle neck fragment
	No		green						1	fragment with "PPE" embossed on surface
	No		green						3	concave, undecorated
	No		blue						1	concave, undecorated
	No		clear						5	concave, undecorated
	No		clear						3	fragment
	No		brown						5	fragments
leather for shoes, with eyelits	No								3	shoe leather with rivets
iridescent patina	No		clear						1	concave, undecorated
	No								1	chainsaw bit
hard rubber	No		black						1	corner guard that goes on wire corner
iridescent patina	No		amber						2	concave, undecorated
iridescent patina	No		clear						1	concave, undecorated
iridescent patina	No		clear						1	concave, undecorated

