

THE POTTERY MOUND MONITORING PROGRAM, 2010

By

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Maxwell Museum Technical Series No. 16

Permit Nos. NM-10-202-S (survey and inventory),
-M (monitoring), and -T (test excavation) and ABE-10-202
NMCRIS Activity No. 120217

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Introduction

In December 2009 the Cultural Properties Review Committee, State of New Mexico, issued permits for archaeological monitoring and related activities at LA 416, Pottery Mound, to David Phillips, Curator of Archaeology, Maxwell Museum of Anthropology, University of New Mexico (UNM), Albuquerque. The permit period extended from January 1 through December 31, 2010. This report summarizes permit-related activities in 2010, as well as related developments. The permits allowed survey and inventory, monitoring, test excavations, and excavation of unmarked burials, but the work actually done included only monitoring, mapping, and surface collection. The permit numbers are NM-10-202-S (survey and inventory), -M (monitoring), and -T (test excavation), and ABE-10-202 (unmarked burials). The NMCRIS activity number is 120217.

UNM owns Pottery Mound; the parcel is surrounded by Pueblo of Isleta land. The work was performed by the Maxwell Museum of Anthropology for the University. The goals and methods of the monitoring program are described in a monitoring plan (Phillips 2007). This report refers to the portions of the plan relevant to the work actually done. Figure 1 shows the general location of the site. As this report will be distributed without restrictions, detailed location data are not included. The updated site form submitted with this report provides a site location map and location details.

The site perches on a sheer bank of the Rio Puerco and is eroding. The goals of the monitoring program are as follows.

1. To document the erosion with the hope that in time, it will be possible to design and carry out measures to slow the erosion.
2. To care for human remains exposed within the site. Based on guidance from Isleta Pueblo, the museum rescues and documents the remains and reburies them within the site. To date, the recovery work has been done by Heather Edgar, Curator of Osteology, under a separate permit. No such exposure of human remains occurred in 2010, however.
3. To conduct periodic assessments of the site's research potential.
4. To collect a sample of the site's surface artifacts, which are being removed by unauthorized site visitors, and to otherwise recover at-risk remains before they are lost.
5. To monitor the site for vandalism.
6. To conduct non-disturbing studies that aid the interpretation of existing notes and collections.

Background to the Current Permit Activity

Except for a 1979 testing project by Linda Cordell and a few other (very minor) exceptions, all of the early work at Pottery Mound was done by Dr. Frank Hibben, a professor at UNM. Hibben's formal fieldwork included field schools in 1954 (Ballagh and Phillips 2006; Phillips and Ballagh 2008a), 1955 (Ballagh and Phillips 2008), 1957 (Ballagh 2011), and 1958 and an NSF-funded project in 1960–1961. Hibben continued to lead volunteer-based informal digs at the site through the 1980s.

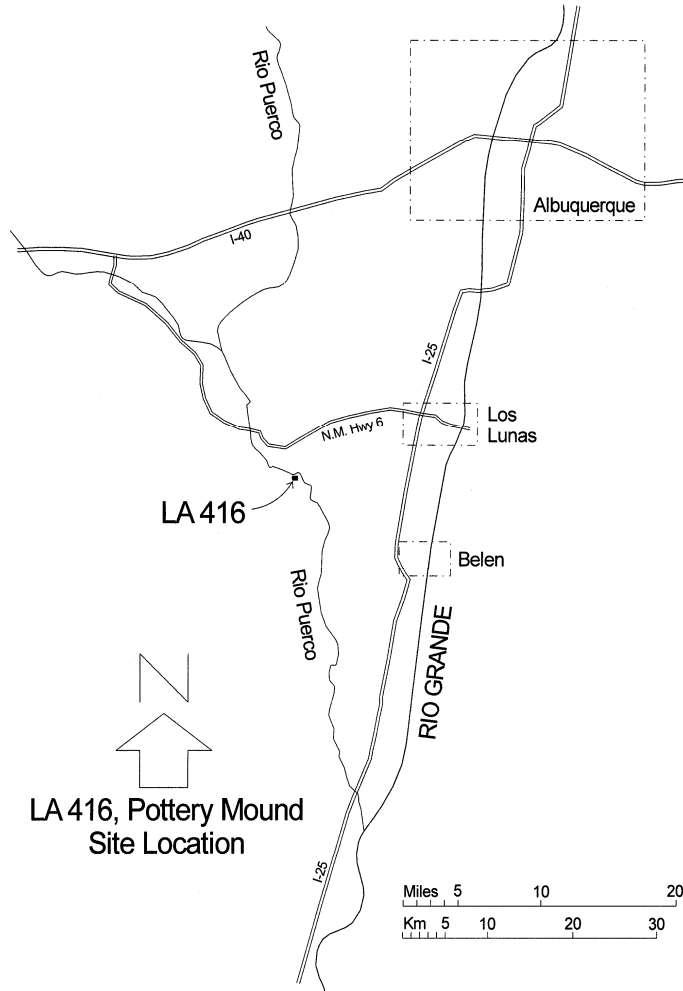


Figure 1. Project location.

Hibben’s primary publication on Pottery Mound focused on the kiva murals (Hibben 1975). A more comprehensive introduction to the site is now available (Schaafsma 2007). Since 2004, the Maxwell Museum has maintained a monitoring program at the site. Readers are referred to four prior reports (Phillips and Ballagh 2007, 2008b, 2009, 2010) for a summary of monitoring activities before 2010.

Fieldwork under the 2010 Monitoring Permit

Field visits to Pottery Mound generally take place during the spring and fall dry seasons. In the winter and summer, heavy rains often make the access road impassable or nearly so.

On March 30, David Phillips and Jean Ballagh drove to the site to verify access and check on site condition. They found no new damage to the site. While there, they identified and mapped newly exposed wall alignments.

On April 9, the field crew consisted of Phillips, Ballagh, Hayward Franklin, Leslie Cohen, and Christopher Archuleta. Franklin and Cohen collected part a systematic sample of the surface artifacts. This phase of the surface sampling consisted of 1 by 1 m (meter) units located at the 25 m points on the site grid. Phillips, Ballagh, and Archuleta point provenience mapped and surface collected Hopi yellow ware sherds from across the site.

On April 16, Phillips, Ballagh, Cohen, and Archuleta continued collecting Hopi yellow ware sherds.

On May 21, Franklin and Cohen completed the collection of 1 by 1 meter units at the 25 meter grid points. Phillips, Ballagh, and Steven Rospopo staked out two lines of 1 by 1 m surface collection units (50 units in all) across the west midden. This midden had never been systematically sampled. The west midden grid units were at the following locations.

E 550/N 525–526 to E 575/N525–526
E 550/N 550–551 to E 575/N550-551

On June 2, Phillips made a quick inspection visit to the site, accompanied by Eric Toolson and Alicia Barnes.

On June 18, Franklin, Cohen, and Archuleta surface collected 1 by 1 m units in the west midden. Phillips and Ballagh surface collected Burned Room 2 in quadrants, and collected surface scrape flotation samples from two of the quadrants. The Burned Room 2 corners, as determined during the surface collection and scrape, were as follows.

SE corner: E 614.50, N 525.08, Z 98.97
NE corner: E 614.52, N 526.39, Z 98.94
NW corner: E 612.59, N 526.56, Z 98.70
SW corner: E 612.92, N 524.82, Z 98.76

On October 20, Phillips checked site access and condition after the summer rains. He was accompanied by Jean Ballagh and Gordon Hight.

On October 27, Phillips returned to the site with Isleta's cultural affairs committee, to look at Pottery Mound and discuss its ownership and management.

On November 5, Franklin and Cohen continued the surface collection of units in the west midden area. Phillips and Ballagh put up No Trespassing signs, in response to Isleta concerns about unauthorized site visits—to the site itself, and across Isleta ranch land to reach the site. The group was accompanied by Jonathan Knight-Wisor, who was preparing a National Register of Historic Places nomination for Pottery Mound.

On November 19, Franklin and Cohen continued to surface collect the west midden. Phillips completed the installation of the No Trespassing signs, then collected flotation samples from the backdirt of two burrows at the base of the Southeast Arroyo. Phillips and Ballagh then resumed

point provenience mapping and collection of Hopi surface sherds, with the assistance of Lee Biby.

On December 3, Franklin and Ballagh completed the surface sample of the west midden. Phillips and Ballagh continued the point collection program for Hopi sherds.

On December 8, Phillips and Ballagh returned to the site to lay out surface collection units for the south midden. At that point the year's fieldwork ended, so no actual surface collecting was done in the south midden area.

Other Studies

Dr. Suzanne Eckert (Texas A&M University) is currently studying two collections of sherds from the site: the random sample of surface sherds collected under Linda Cordell's direction in 1979, and sherds from kiva interiors. Both of her studies are designed to provide information on site chronology, regional social networks, and group identity of the residents of the site.

Ms. Lou Schuyler (Maxwell Museum volunteer) started a study of the jewelry from Pottery Mound.

Discussion

At this point, the total station mapping of Pottery Mound has resulted in the collection of some 1,300 Cartesian grid points. The mapping points collected in 2010 represent only a minor refinement of the data obtained by 2009, however, so updated maps are not provided. Readers are referred to the report for the 2009 monitoring season (Phillips and Ballagh 2010) for our current sense of the site plan.

Aside from repeated checks of the site, the main result of the 2010 effort was to expand the systematic sample from the site surface. Since the current monitoring program began, the famously rich surface assemblage at Pottery Mound has been affected by illegal collecting. The people vandalizing the site seem to prefer larger, more eye-catching sherds, so a bias is being introduced into the surface assemblage. The current round of surface collections will preserve a picture of the surface assemblage before it deteriorates further. We hope that a comparison with the 1979 random sample of surface artifacts will allow us to be more specific about the extent of degradation of the surface assemblage in the past three decades. The current collections will also serve as a baseline for studies of surface assemblage degradation in future years.

Unauthorized collecting notwithstanding, Pottery Mound continues to hold substantial potential for research into New Mexico prehistory.

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Appendix A

2010 COLLECTIONS FROM POTTERY MOUND

La 416, Pottery Mound: 2010 Point Provenience Collections

Catalogue No.	Easting	Northing	Z (Elev.)	Description
2010.55.1	525.875	511.015	97.776	Hopi sherd
2010.55.2	538.776	522.265	97.753	Hopi sherd
2010.55.3	538.386	523.028	97.755	Hopi sherd
2010.55.4	540.698	528.494	97.870	Hopi sherd
2010.55.5	545.325	531.636	98.060	Hopi sherd
2010.55.6	545.313	530.171	98.002	Hopi sherd
2010.55.7	545.780	529.904	98.019	Hopi sherd
2010.55.8	548.015	529.117	98.052	Hopi sherd
2010.55.9	548.599	528.288	98.042	Hopi sherd
2010.55.10	550.017	529.308	98.064	Hopi sherd
2010.55.11	557.601	522.572	98.090	Hopi sherd
2010.55.12	560.946	522.753	98.109	Hopi sherd
2010.55.13	563.068	527.508	98.194	Hopi sherd
2010.55.14	578.438	521.739	98.362	Hopi sherd
2010.55.15	577.405	538.583	98.384	Hopi sherd
2010.55.16	579.329	550.706	98.709	Hopi sherd
2010.55.17	562.524	554.969	98.152	Hopi sherd
2010.55.18	560.697	553.258	98.183	Hopi sherd
2010.55.19	559.391	552.748	98.203	Hopi sherd
2010.55.20	554.801	563.079	97.745	Hopi sherd
2010.55.21	548.957	565.317	97.626	Hopi sherd
2010.55.22	549.342	566.241	97.585	Hopi sherd
2010.55.23	556.805	561.905	97.773	Hopi sherd
2010.55.24	556.819	523.155	98.081	Hopi sherd
2010.55.25	555.876	523.088	98.048	Hopi sherd
2010.55.26	559.951	511.916	98.013	Bag empty (1)
2010.55.27	596.291	483.992	97.662	Hopi sherd
2010.55.28	596.381	485.529	97.712	Hopi sherd
2010.55.29	596.443	485.532	97.725	Hopi sherd
2010.55.30	599.105	484.827	97.862	Hopi sherd
2010.55.31	601.110	486.556	98.101	Hopi sherd
2010.55.32	606.962	481.706	98.026	Hopi sherd
2010.55.33	611.141	476.238	98.128	Hopi sherd
2010.55.34	610.818	476.504	98.109	Hopi sherd
2010.55.35	614.589	470.507	98.087	Hopi sherd
2010.55.36	614.633	470.686	98.087	Hopi sherd
2010.55.37	618.574	469.555	98.048	Glazeware sherds (2)
2010.55.38	621.745	471.741	98.415	Hopi sherd

**La 416, Pottery Mound:
2010 Point Provenience Collections**

Catalogue No.	Easting	Northing	Z (Elev.)	Description
2010.55.39	631.552	463.256	98.055	Shell pendant
2010.55.40	640.974	480.578	99.143	Hopi sherd
2010.55.41	641.125	480.731	99.139	Hopi sherd
2010.55.42	641.113	480.900	99.150	Hopi sherd
2010.55.43	640.059	480.804	99.198	Hopi sherd
2010.55.44	639.684	480.914	99.188	Hopi sherd
2010.55.45	639.625	480.556	99.167	Hopi sherd
2010.55.46	639.320	481.631	99.225	Hopi sherd
2010.55.47	639.356	481.705	99.225	Hopi sherd
2010.55.48	639.115	481.315	99.208	Arenal Glaze Poly. (3)
2010.55.49	638.013	485.088	99.342	Hopi sherd
2010.55.50	638.118	485.358	99.390	Hopi sherd
2010.55.51	637.943	489.712	99.597	Hopi sherd
2010.55.52	630.961	490.845	99.662	Hopi sherd
2010.55.53	619.768	491.660	98.944	Hopi sherd
2010.55.54	622.611	497.096	98.796	Hopi sherd
2010.55.55	621.968	495.522	98.889	Hopi sherd
2010.55.56	621.733	494.460	98.925	Hopi sherd
2010.55.57	613.575	487.681	98.673	Hopi sherd
2010.55.58	613.432	487.855	98.668	Hopi sherd
2010.55.59	564.437	485.901	97.603	Hopi sherd
2010.55.60	564.465	485.841	97.602	Hopi sherd
2010.55.61	564.378	485.557	97.582	Hopi sherd
2010.55.62	562.773	485.596	97.575	Hopi sherd
2010.55.63	566.764	486.027	97.612	Hopi sherd
2010.57.1	658.180	507.683	98.736	Hopi sherd
2010.57.2	658.294	507.230	98.768	Hopi sherd
2010.57.3	649.325	510.697	99.457	Hopi sherd
2010.57.4	649.815	510.889	99.481	Hopi sherd
2010.57.5	640.906	513.604	99.079	Hopi sherd
2010.57.6	643.586	520.845	99.247	Hopi sherd
2010.57.7	643.995	521.382	99.352	Hopi sherd
2010.57.8	644.834	523.363	99.257	Hopi sherd
2010.57.9	638.938	522.439	99.429	Hopi sherd
2010.57.10	639.365	521.838	99.373	Hopi sherd
2010.57.11	639.080	521.421	99.370	Chupadero B/W (3)
2010.57.12	635.594	524.140	99.580	Hopi sherd
2010.57.13	647.519	522.806	99.178	Hopi sherd
2010.57.14	648.338	522.544	99.150	Hopi sherd
2010.57.15	655.470	524.331	98.719	Hopi sherd
2010.57.16	656.846	524.345	98.580	Hopi sherd
2010.57.17	657.313	524.590	98.490	Hopi sherd
2010.57.18	657.551	524.667	98.457	Hopi sherd

**La 416, Pottery Mound:
2010 Point Provenience Collections**

Catalogue No.	Easting	Northing	Z (Elev.)	Description
2010.57.19	658.462	524.271	98.274	Hopi sherd
2010.57.20	658.138	527.125	98.075	Hopi sherd
2010.57.21	659.718	527.628	97.728	Hopi sherd
2010.57.22	664.470	538.316	97.312	Hopi sherd
2010.57.23	664.811	538.077	97.288	Hopi sherd
2010.57.24	668.591	545.295	97.175	Hopi sherd
2010.57.25	674.612	537.680	97.032	Hopi sherd
2010.57.26	674.988	534.657	97.038	Hopi sherd
2010.57.27	675.260	534.632	97.066	Hopi sherd
2010.57.28	676.869	533.836	96.950	Hopi sherd
2010.57.29	688.121	521.481	96.871	Hopi sherd
2010.57.30	689.461	522.563	96.989	Hopi sherd
2010.57.31	689.730	526.254	96.926	Hopi sherd
2010.57.32	690.801	498.168	97.333	Hopi sherd
2010.57.33	674.318	489.864	98.502	Hopi sherd
2010.57.34	672.769	488.568	98.625	Mineral (crystal)
2010.57.35	679.523	486.479	98.234	Hopi sherd
2010.57.36	681.175	469.784	97.963	Hopi sherd
2010.57.37	682.373	468.055	97.856	Hopi sherd
2010.57.38	684.200	462.688	97.708	Hopi sherd
2010.57.39	693.069	466.663	97.451	Hopi sherd
2010.57.40	695.902	469.632	97.365	Hopi sherd
2010.57.41	702.079	471.096	97.116	Hopi sherd
2010.57.42	702.432	471.342	97.118	Hopi sherd

Point provenience collection notes: (1) sherd forgotten in field; (2) mistaken for a Hopi sherd; (3) collected for the site-specific type collection.

The next table on summarizes 2010 work on the systematic sample of surface artifacts, at 25 meter grid points, by Hayward Franklin.

**Additional Systematic Surface Sample (1 by 1 m Units at 25 m Grid Points)
Collected in 2009 and 2010: Preliminary Summary**

Collection Unit	Location	FS HF-	Material	Date	Comments
G17	E 600, N 475	28	Sherds	11/24/2009	South side of mound
G17	same	29	Stone	11/24/2009	
G18	E 600, N 500	30	Sherds	11/24/2009	Swale between two mounds
G19	E 600, N 525	31	Sherds	11/24/2009	Open west side of mound
G19	same	32	Stone	11/24/2009	
G20	E 600, N 575	33	Sherds	11/24/2009	On midden, north side near bank of Puerco

**Additional Systematic Surface Sample (1 by 1 m Units at 25 m Grid Points)
Collected in 2009 and 2010: Preliminary Summary**

Collection Unit	Location	FS HF-	Material	Date	Comments
G20	same	34	Stone	11/24/2009	
G20	same	35	Malachite	11/24/2009	Unworked fragment
G21	E 625, N 570	36	Sherds	11/24/2009	North edge of site, next to bank
G22	E 625, N 475	37	Sherds	11/24/2009	On a mound with no brush
G22	same	38	Stone	11/24/2009	
G23	E 625, N 450	39	Sherds	11/24/2009	South side, off mound, brushy
G24	E 625, N 415	40	Sherds	11/24/2009	On flats on south side of site
G25	E 650, N 450	41	Sherds	11/24/2009	same
G26	E 650, N 475	42	Sherds	11/24/2009	On major mound
G26	same	43	Stone	11/24/2009	
G-27	E 650, N 525	44	Sherds	4/9/2010	On mound
G-27	E 650, N 525	45	Stone	4/9/2010	On mound
G-28	E 650, N 550	46	Sherds	4/9/2010	North side of mound, near bank of Puerco
G-28	E 650, N 550	47	Stone	4/9/2010	North side of mound, near bank of Puerco
G-29	E 675, N 550	48	Sherds	4/9/2010	Near bank of Puerco
G-29	E 675, N 550	49	Stone	4/9/2010	Near bank of Puerco
G-30	E 675, N 525	50	Sherds	4/9/2010	Near north edge of site
G-30	E 675, N 525	51	Stone	4/9/2010	Near north edge of site
G-31	E 675, N 475	52	Sherds	4/9/2010	On mound
G-31	E 675, N 475	53	Stone	4/9/2010	On mound
G-32	E 675, N 450	54	Sherds	4/9/2010	On mound
G-32	E 675, N 450	55	Stone	4/9/2010	On mound
G-33	E 675, N 425	56	Sherds	4/9/2010	On mound
G-33	E 675, N 425	57	Stone	4/9/2010	On mound
G-34	E 675, N 400	58	Sherds	4/9/2010	On south side of mounds; very little
G-35	E 700, N 450	59	Sherds	5/21/2010	Flats on south side; very little
G-35	E 700, N 450	60	Stone	5/21/2010	
G-36	E 700, N 475	61	Sherds	5/21/2010	Flats on east side
G-36	E 700, N 475	62	Stone	5/21/2010	
G-37	E 700, N 500	63	Sherds	5/21/2010	Hibben backdirt
G-37	E 700, N 500	64	Stone	5/21/2010	
G-38	E 700, N 525	65	Sherds	5/21/2010	At bank of Puerco
G-38	E 700, N 525	66	Stone	5/21/2010	
G-39	E 725, N 525	67	Sherds	5/21/2010	NE corner of site near fence. This square was collected off the SE side of pin, not SW
G-39	E 725, N 525	68	Stone	5/21/2010	
G-40	E 725, N 500	69	Sherds	5/21/2010	Last unit collected for 25 m grid points
G-40	E 725, N 500	70	Stone	5/21/2010	

Notes: Collection Units G-1 through G-16 were collected in 2009 and reported in the 2009 monitoring report. Units G-17 through G-26 were collected in late 2009 and inadvertently left out of the 2009 monitoring report.

The next table summarizes the 2010 collection of two transects of units in the West Midden.

**Surface Sample of West Midden (1 by 1 m unit)
Collected in 2010**

Collection Unit	Location	FS HF-	Material	Date	Comments
<i>WMS = West Midden, South Transect</i>					
WMS 1	E. 550, N. 525	1	Sherds	6/18/10	
WMS 1	E. 550, N. 525	2	Stone	6/18/10	
WMS 2	E. 551, N. 525	3	Sherds	6/18/10	
WMS 2	E. 551, N. 525	4	Stone	6/18/10	
WMS 3	E. 552, N. 525	5	Sherds	6/18/10	
WMS 3	E. 552, N. 525	6	Stone	6/18/10	
WMS 4	E. 553, H. 525	7	Sherds	6/18/10	
WMS 4	E. 553, H. 525	8	Stone	6/18/10	
WMS 5	E. 554, N. 525	9	Sherds	6/18/10	
WMS 5	E. 554, N. 525	10	Stone	6/18/10	
WMS 6	E. 555, N. 525	11	Sherds	6/18/10	
WMS 6	E. 555, N. 525	12	Stone	6/18/10	
WMS 7	E. 556, N. 525	13	Sherds	6/18/10	
WMS 7	E. 556, N. 525	14	Stone	6/18/10	
WMS 8	E. 557, N. 525	15	Sherds	6/18/10	
WMS 8	E. 557, N. 525	16	Stone	6/18/10	
WMS 9	E. 558, N. 525	17	Sherds	6/18/10	
WMS 9	E. 558, N. 525	18	Stone	6/18/10	
WMS 10	E. 559, N. 525	19	Sherds	6/18/10	
WMS 10	E. 559, N. 525	20	Stone	6/18/10	
WMS 11	E. 560, N. 525	21	Sherds	6/18/10	
WMS 11	E. 560, N. 525	22	Stone	6/18/10	
WMS 12	E. 561, N. 525	23	Sherds	11/5/10	
WMS 12	E. 561, N. 525	24	Stone	11/5/10	
WMS 13	E. 562, N. 525	25	Sherds	11/5/10	
WMS 13	E. 562, N. 525	26	Stone	11/5/10	
WMS 14	E. 563, N. 525	27	Sherds	11/5/10	
WMS 14	E. 563, N. 525	28	Stone	11/5/10	
WMS 15	E. 564, N. 525	29	Sherds	11/5/10	
WMS 15	E. 564, N. 525	30	Stone	11/5/10	Metate fragment, mano
WMS 16	E. 565, N. 525	31	Sherds	11/5/10	
WMS 16	E. 565, N. 525	32	Stone	11/5/10	
WMS 17	E. 566, N. 525	33	Sherds	11/5/10	
WMS 17	E. 566, N. 525	34	Stone	11/5/10	
WMS 18	E. 567, N. 525	35	Sherds	11/5/10	
WMS 18	E. 567, N. 525	36	Stone	11/5/10	
WMS 19	E. 568, N. 525	37	Sherds	11/5/10	
WMS 19	E. 568, N. 525	38	Stone	11/5/10	
WMS 20	E. 569, N. 525	39	Sherds	11/5/10	

**Surface Sample of West Midden (1 by 1 m unit)
Collected in 2010**

Collection Unit	Location	FS HF-	Material	Date	Comments
WMS 20	E. 569, N. 525	40	Stone	11/5/10	
WMS 21	E. 570, N. 525	n/a	No artifacts	11/5/10	Washed out
WMS 22	E. 571, N. 525	n/a	No artifacts	11/5/10	
WMS 23	E. 572, N. 525	n/a	No artifacts	11/5/10	
WMS 24	E. 573, N. 525	41	Sherds	11/5/10	
WMS 24	E. 573, N. 525	42	Stone	11/5/10	
WMS 25	E. 574, N. 525	43	Sherds	11/5/10	
WMS 25	E. 574, N. 525	44	Stone	11/5/10	
WMS 25	E. 574, N. 525	45	Maize cobs	11/5/10	
<i>WMN = West Midden, North Transect</i>					
WMN 1	E. 550, N. 550	46	Sherds	11/19/10	Brushy square
WMN 2	E. 551, N. 550	47	Sherds	11/19/10	Brushy square
WMN 2	E. 551, N. 550	48	Stone	11/19/10	Brush
WMN 3	E. 552, N. 550	49	Sherds	11/19/10	Clear
WMN 3	E. 552, N. 550	50	Stone	11/19/10	Clear
WMN 4	E. 553, N. 550	51	Sherds	11/19/10	Clear
WMN 4	E. 553, N. 550	52	Stone	11/19/10	Clear
WMN 4	E. 553, N. 550	53	Adobe	11/19/10	Clear
WMN 4	E. 553, N. 550	53.5	Metate fragment	11/19/10	Clear
WMN 5	E. 554, N. 550	54	Sherds	11/19/10	Clear
WMN 5	E. 554, N. 550	55	Stone	11/19/10	Clear
WMN 5	E. 554, N. 550	56	Ground stone	11/19/10	Clear
WMN 6	E. 555, N. 550	57	Sherds	11/19/10	Clear
WMN 6	E. 555, N. 550	58	Stone	11/19/10	Clear
WMN 6	E. 555, N. 550	59	Adobe	11/19/10	Clear
WMN 7	E. 556, N. 550	60	Sherds	11/19/10	Clear
WMN 7	E. 556, N. 550	61	Stone	11/19/10	Clear
WMN 7	E. 556, N. 550	61.5	Adobe, burned	11/19/10	Clear
WMN 8	E. 557, N. 550	62	Sherds	11/19/10	Clear
WMN 8	E. 557, N. 550	63	Stone	11/19/10	Clear
WMN 9	E. 558, N. 550	64	Sherds	11/19/10	Clear
WMN 9	E. 558, N. 550	65	Stone	11/19/10	Clear
WMN 10	E. 559, N. 550	66	Sherds	11/19/10	Washed out area
WMN 10	E. 559, N. 550	67	Stone	11/19/10	Washed out area
WMN 11	E. 560, N. 550	68	Sherds	11/19/10	Washed out area
WMN 11	E. 560, N. 550	69	Stone	11/19/10	Washed out area
WMN 12	E. 561, N. 550	70	Sherds	11/19/10	Washed out area
WMN 12	E. 561, N. 550	71	Stone	11/19/10	Washed out area
WMN 13	E. 562, N. 550	72	Sherds	11/19/10	A lot of brush
WMN 14	E. 563, N. 550	73	Sherds	11/19/10	Open but washed
WMN 14	E. 563, N. 550	74	Stone	11/19/10	Open but washed
WMN 15	E. 564, N. 550	75	Sherds	11/19/10	Open
WMN 15	E. 564, N. 550	76	Stone	11/19/10	Open

**Surface Sample of West Midden (1 by 1 m unit)
Collected in 2010**

Collection Unit	Location	FS HF-	Material	Date	Comments
WMN 15	E. 564, N. 550	77	Adobe, burned	11/19/10	Open
WMN 16	E. 565, N. 550	78	Sherds	12/3/10	Much brush
WMN 16	E. 565, N. 550	79	Stone	12/3/10	Much brush
WMN 17	E. 566, N. 550	80	Sherds	12/3/10	Much brush
WMN 18	E. 567, N. 550	81	Sherds	12/3/10	Much brush
WMN 19	E. 568, N. 550	82	Sherds	12/3/10	Washed area
WMN 20	E. 569, N. 550	83	No artifacts	12/3/10	nothing in the brush
WMN 21	E. 570, N. 550	84	Sherds	12/3/10	Open area
WMN 21	E. 570, N. 550	85	Stone	12/3/10	Open area
WMN 21	E. 570, N. 550	86	Charcoal	12/3/10	Open area
WMN 22	E. 571, N. 550	87	Sherds	12/3/10	Open area
WMN 22	E. 571, N. 550	88	Stone; ground stone	12/3/10	Open area
WMN 22	E. 571, N. 550	89	Charcoal	12/3/10	Open area
WMN 23	E. 572, N. 550	90	Sherds	12/3/10	Brushy area
WMN 23	E. 572, N. 550	91	Stone	12/3/10	Brushy area
WMN 24	E. 573, N. 550	92	Sherds	12/3/10	Open area
WMN 24	E. 573, N. 550	93	Stone	12/3/10	Open area
WMN 25	E. 574, N. 550	95	Sherds	12/3/10	Open area
WMN 25	E. 574, N. 550	96	Stone	12/3/10	Open area