
ARCHAEOMAGNETIC SAMPLE FIELD DATA FORMS AND PHOTOGRAPHS OF SAMPLE COLLECTION

Jeffrey L. Eighmy
Archaeomagnetic Services

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Eighmy, Jeffrey L.

2012 Archaeomagnetic Sample Field Forms and Photographs of Sample Collection.
<<http://www.archaeologysouthwest.org/ap48>>.

ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-4
Collector: Jeff Eighmy Date: 8/9/06

Archaeologist Henry Wallace/Debbie Swartz
Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244
Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)
Email: henry@desert.com; debbie@desert.com

Site Location:

Lat: 32° 26.65' Long: 110° 57.81' Elevation: 2846' Dec10.97°

Feature I.D. 215.01 Area I.D. E1

Archaeological Guess Date: A.D. 1000 – 1100

Basis for Guess Date: _____

Sample Description: Very gravelly prepared hearth. Very

Orange. Difficult to collect because large gravel keeps pedestals loose

and shaky. Coping is not great – it is full of sand and gravel.

Feature Evaluation Scoring

Score	Factor	1	2	3	4	5
1	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
3	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
2	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
3	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
1	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

Number of features previously sampled by collector?

hundreds

	Compass Readings		Comments
1	<u>53.5</u>	<u> </u>	<u>Short</u>
2	<u>312.0</u>	<u>313.0</u>	<u>Base came out</u>
3	<u>54.5</u>	<u> </u>	<u> </u>
4	<u>2.0</u>	<u>1.5</u>	<u> </u>
5	<u>299.0</u>	<u> </u>	<u> </u>
6	<u>267.5</u>	<u> </u>	<u>Short</u>
7	<u>75.5</u>	<u> </u>	<u>Big rock came out of bottom</u>
8	<u>20.5</u>	<u>20.0</u>	<u>Least orange</u>
9	<u>304.0</u>	<u> </u>	<u>Least orange</u>
10	<u>54.0</u>	<u>54.5</u>	<u> </u>
11	<u>15.0</u>	<u>15.5</u>	<u> </u>
12	<u>334.0</u>	<u>333.5</u>	<u> </u>

Specimen Locations



ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-13
Collector: Jeff Eighmy Date: 8/28/06

Archaeologist Henry Wallace/Debbie Swartz
Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244
Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)
Email: henry@desert.com; debbie@desert.com

Site Location:

Lat: 32° 26.63' Long: 110° 57.80' Elevation: 2865 Dec 10.97°

Feature I.D. 228.01 Area I.D. E-1

Archaeological Guess Date: _____

Basis for Guess Date: _____

Sample Description: Remnant of a prepared hearth. Very thin coping.

Lots of rocks, but dark orange color change to about 1 cm. Soft and

Pedestals are shaky – could not be collected dry.

Cracking and portions are gone.

Feature Evaluation Scoring

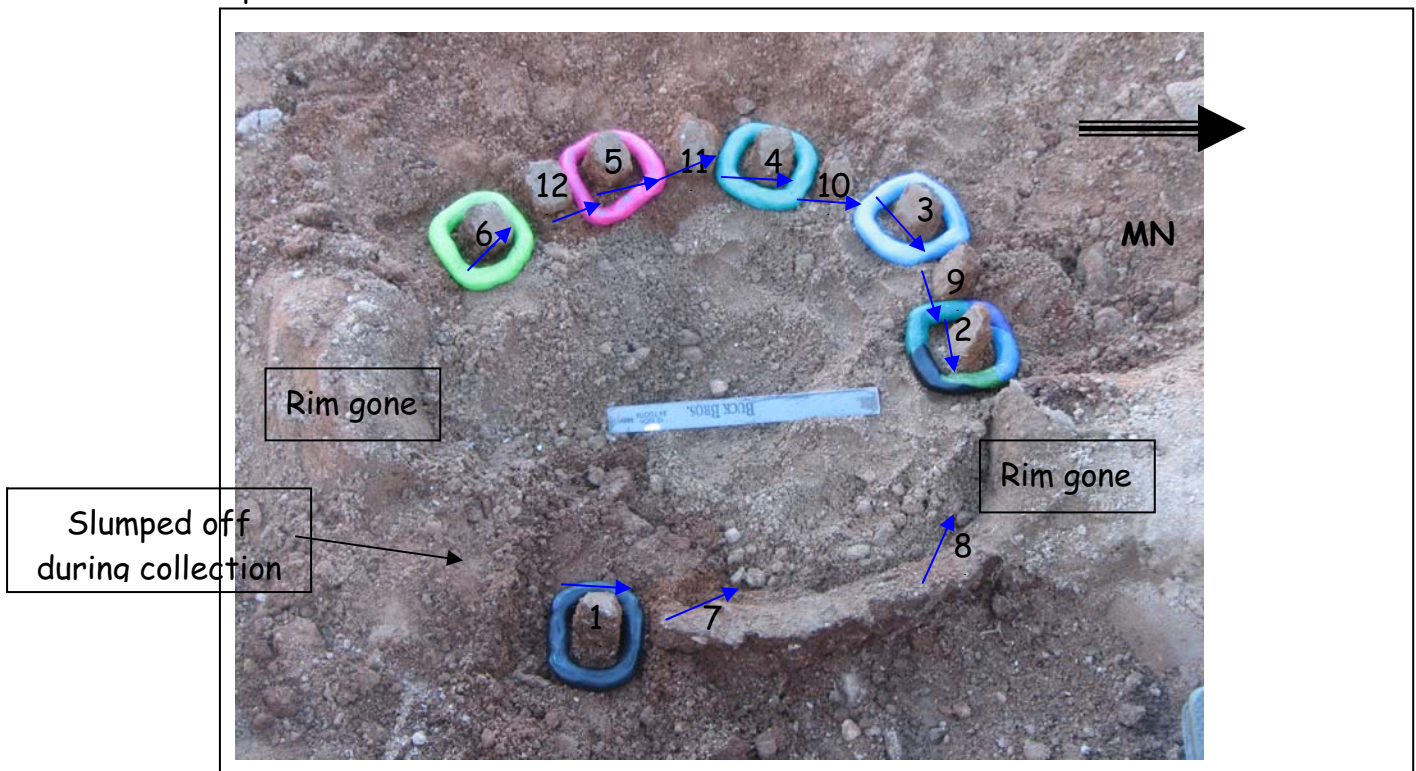
Score	Factor	1	2	3	4	5
3	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
3	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
3	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
2	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
2	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

Number of features previously sampled by collector?

hundreds

	Compass Readings		Comments
1	<u>357.5</u>	<u>358.0</u>	
2	<u>74.0</u>		Hardest of 1 st six
3	<u>50.0</u>		
4	<u>10.5</u>		
5	<u>325.0</u>		
6	<u>315.0</u>	<u>314.5</u>	
7	<u>342.5</u>		
8	<u>328.0</u>		
9	<u>68.5</u>		More stable
10	<u>19.0</u>		More stable
11	<u>355.5</u>		
12	<u>314.5</u>	<u>313.5</u>	

Specimen Locations





ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-8
Collector: Jeff Eighmy Date: 8/18/06

Archaeologist	<u>Henry Wallace/Debbie Swartz</u>
Affiliation/	<u>Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244</u>
Address/	<u>520 490 6910 (Henry); 520 271 1773 (Debbie)</u>
Email:	<u>henry@desert.com; debbie@desert.com</u>

Site Location:

Lat: 32° 26.65' Long: 110° 57.88' Elevation: 2838 Dec 10.97°

Feature I.D. 244 (floor, near hearth in St 244) Area I.D. E-2

Archaeological Guess Date: A.D. 850 - 950

Basis for Guess Date: Ceramics, architecture

Sample Description: Floor, hear hearth; exposed in backhoe trench.

Orange color change to about 2 cm in center. Surface dark. Slightly

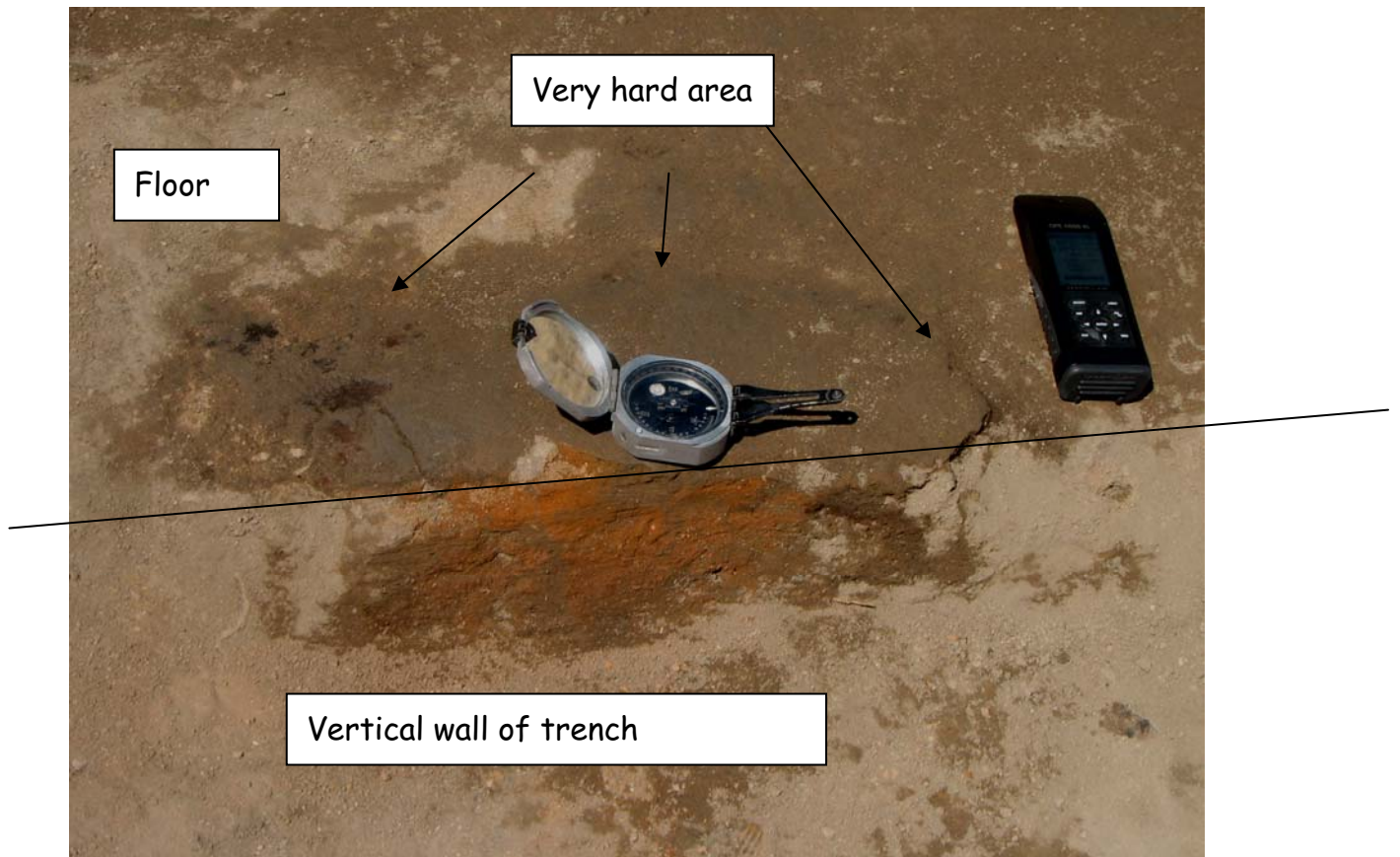
friable as pedestals are isolated. Some pebbles. All a little shaky.

Feature Evaluation Scoring

Score	Factor	1	2	3	4	5
1	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
3	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
1	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
3	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
2	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

Number of features previously sampled by collector?

hundreds



ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-15
Collector: Jeff Eighmy Date: 8/29/06

Archaeologist Henry Wallace/Debbie Swartz

Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244

Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)

Email: henry@desert.com; debbie@desert.com

Site Location:

Lat: 32° 26.63' Long: 110° 57.90' Elevation: 2856 Dec 10.97°

Feature I.D. 260.01 Area I.D. E-3

Archaeological Guess Date: _____

Basis for Guess Date: _____

Sample Description: Base of ill-prepared hearth. Soft. Rocks.

Visible orange color change to about .5 cm.

Feature Evaluation Scoring

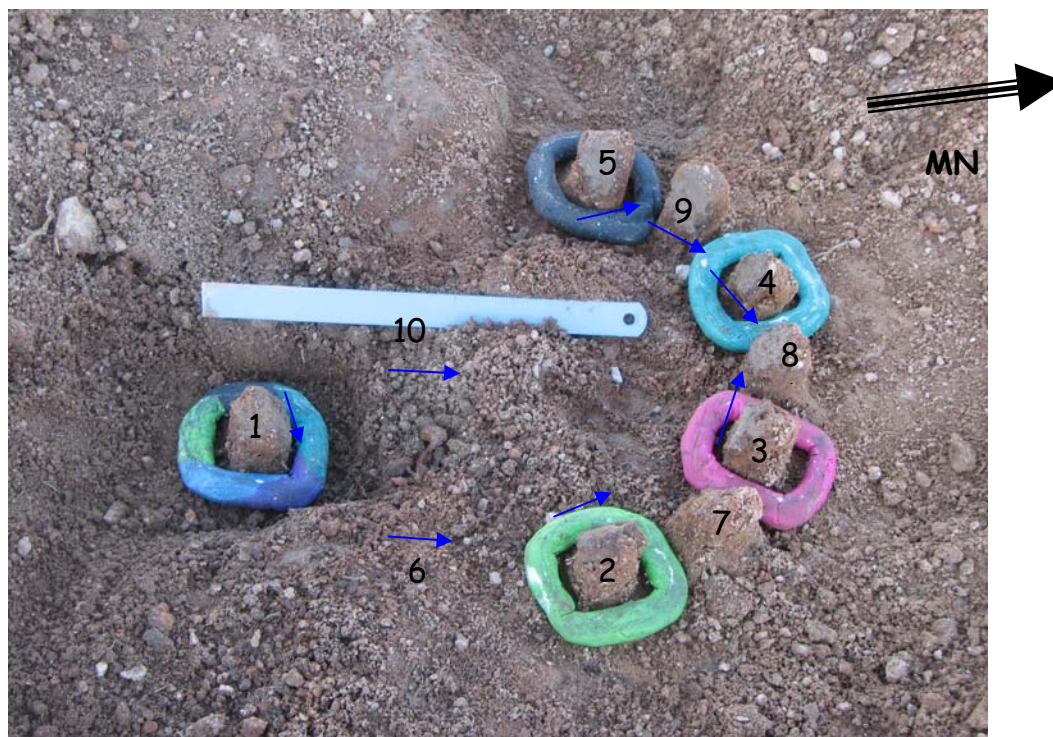
Score	Factor	1	2	3	4	5
3	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
3	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
3	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
3	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
3	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

Number of features previously sampled by collector?

hundreds

	Compass Readings		Comments
1	<u>70.0</u>	<u>69.5</u>	
2	<u>320.5</u>	<u>321.0</u>	
3	<u>276.5</u>	<u>277.0</u>	
4	<u>53.0</u>		
5	<u>352.5</u>		
6	<u>332.5</u>		Section of coping seems displaced. Doesn't align.
7	<u>293.5</u>		
8	<u>256.5</u>		
9	<u>29.0</u>		
10	<u>335.5</u>		pedestal is lower (in hearth base) than others
11			
12			

Specimen Locations





ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-16
Collector: Jeff Eighmy Date: 8/29/06

Archaeologist	<u>Henry Wallace/Debbie Swartz</u>
Affiliation/	<u>Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244</u>
Address/	<u>520 490 6910 (Henry); 520 271 1773 (Debbie)</u>
Email:	<u>henry@desert.com; debbie@desert.com</u>

Site Location:

Lat: 32° 26.63' Long: 110° 57.90' Elevation: 2856 Dec 10.97°

Feature I.D. 261 (floor) Area I.D. E-3

Archaeological Guess Date: _____

Basis for Guess Date: _____

Sample Description: Burned patches of floor. Hard, dark areas.

I scraped off the hard, dark surface on some areas because this crust did

Not look like clay to me (After I did this, Debbie is pretty sure that it is/was

Plaster.) Pinkish underneath and FULL of rocks. No/little clay. Very

Difficult to collect.

Feature Evaluation Scoring

Score	Factor	1	2	3	4	5
3	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
3	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
?	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
4	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
4	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

Number of features previously sampled by collector?

hundreds

	Compass Readings		Comments
1	<u>333.0</u>	<u>333.5</u>	<u>Dark top scraped off</u>
2	<u>341.5</u>	<u>342.0</u>	<u>Dark top scraped off</u>
3	<u>347.0</u>	<u> </u>	<u>Dark top scraped off</u>
4	<u>313.5</u>	<u> </u>	<u>Dark top scraped off; crumbly</u>
5	<u>8.5</u>	<u> </u>	<u>Crumbly</u>
6	<u>26.5</u>	<u>26.0</u>	<u> </u>
7	<u>22.5</u>	<u> </u>	<u> </u>
8	<u>320.5</u>	<u>320.0</u>	<u>Dark top scraped off</u>
9	<u>341.5</u>	<u> </u>	<u>Dark top scraped off</u>
10	<u>336.0</u>	<u>336.5</u>	<u>Dark top scraped off</u>
11	<u>314.0</u>	<u> </u>	<u>Dark top scraped off</u>
12	<u>292.5</u>	<u>293.0</u>	<u>Dark top scraped off</u>

Specimen Locations





Did not collect from
this area



ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-35
Collector: Jeff Eighmy Date: 10/17/06

Archaeologist Henry Wallace/Debbie Swartz
Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244
Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)
Email: henry@desert.com; debbie@desert.com

Site Location:

Lat: 32° 26.63' Long: 110 ° 57.91' Elevation: 2865" Dec10.97°

Feature I.D. 264.01 Area I.D. E-3

Archaeological Guess Date: A.D. 1000 - 1100

Basis for Guess Date: _____

Sample Description: Ill-prepared hearth – built into gravel. Fried

gravel. Orange to about 2 cm.

Feature Evaluation Scoring

Score	Factor	1	2	3	4	5
3	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
4	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
3	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
5	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
4	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

Number of features previously sampled by collector?

Hundreds

	Compass Readings		Comments
1	126.0		Unstable column of gravel.
2	79.0		Unstable column of gravel.
3	46.5		Unstable column of gravel.
4	7.5	7.0	Unstable column of gravel.
5	247.0	247.5	Unstable column of gravel.
6	8.5		Unstable column of gravel.
7	109.0	109.5	Unstable column of gravel.
8	25.5		Unstable column of gravel.
9	354.0	353.5	Unstable column of gravel.
10	30.5		Unstable column of gravel. Wind blew plastic into plaster before it set.
11	349.0		Unstable column of gravel.
12			

Specimen Locations





View of gravelly matrix

ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-6
Collector: Jeff Eighmy Date: 8/10/06

Archaeologist Henry Wallace/Debbie Swartz
Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244
Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)
Email: henry@desert.com; debbie@desert.com

Site Location:

Lat: 32° 26.64' Long: 110° 57.88' Elevation: 2841 Dec 10.97°

Feature I.D. 266.01 Area I.D. E2

Archaeological Guess Date: _____

Basis for Guess Date: _____

Sample Description: Well prepared hearth with broad apron. I took off

apron to get to hearth wall. Dark surface; orange color change

underneath. Pebbles in clay lining, but not bad.

Feature Evaluation Scoring

Score	Factor	1	2	3	4	5
2	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
1	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
2	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
1	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
2	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

Number of features previously sampled by collector? hundreds



ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-7
Collector: Jeff Eighmy Date: 8/18/06

Archaeologist Henry Wallace/Debbie Swartz
Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244
Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)
Email: henry@desert.com; debbie@desert.com

Site Location:

Lat: 32° 26.62' Long: 110° 57.91' Elevation: 2863 Dec 10.97°

Feature I.D. 285.01 Area I.D. E-3

Archaeological Guess Date: A.D. 1000 - 1100

Basis for Guess Date: Ceramics

Sample Description: Very well prepared hearth with a nice apron.

Nice orange color change under a dark surface – about 1-2 cm. VERY

Hard!! Pebbles throughout clay

Feature Evaluation Scoring

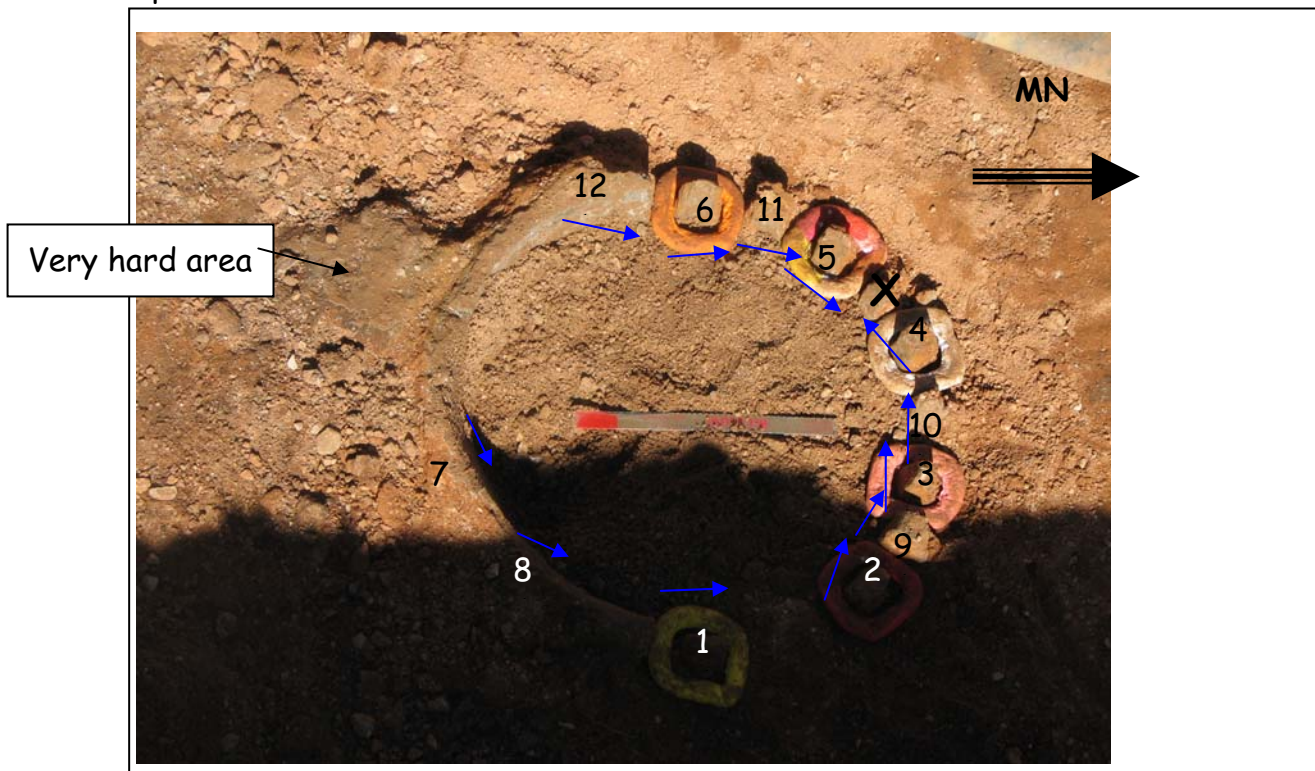
Score	Factor	1	2	3	4	5
1	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
1+	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
1	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
1	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
1	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

Number of features previously sampled by collector?

hundreds

	Compass Readings		Comments
1	<u>5.0</u>	<u> </u>	<u> </u>
2	<u>313.5</u>	<u> </u>	<u> </u>
3	<u>279.5</u>	<u> </u>	<u> </u>
4	<u>249.5</u>	<u> </u>	<u> </u>
5	<u>32.5</u>	<u> </u>	<u> </u>
6	<u>8.5</u>	<u> </u>	<u> </u>
7	<u>74.0</u>	<u>74.5</u>	<u> </u>
8	<u>13.5</u>	<u> </u>	<u> </u>
9	<u>301.0</u>	<u> </u>	<u> </u>
10	<u>269.0</u>	<u>269.5</u>	<u> </u>
11	<u>17.0</u>	<u>16.5</u>	<u> </u>
12	<u>358.5</u>	<u>353.5</u>	<u> </u>

Specimen Locations





ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-20
Collector: Jeff Eighmy Date: 9/6/06

Archaeologist Henry Wallace/Debbie Swartz

Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244
Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)
Email: henry@desert.com; debbie@desert.com

Site Location:
Lat: 32° 26.66' Long: 110° 57.88' Elevation: 2870 Dec 10.97°

Feature I.D. 286.03 Area I.D. E-2

Archaeological Guess Date: _____

Basis for Guess Date: _____

Sample Description: Lowest of three prepared hearths in structure 286.

Bright orange color change to about 1.5 cm, but just full of rocks. I'm

collecting a pebbly matrix that barely hangs together when pedestaled.

Definitely burned, but a very friable matrix.

Feature Evaluation Scoring

Score	Factor	1	2	3	4	5
1	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
2	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
2	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
4	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
4	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

Number of features previously sampled by collector?

hundreds

	Compass Readings		Comments
1	<u>310.5</u>	<u> </u>	<u>Relatively more gravel here</u>
2	<u>266.0</u>	<u>266.5</u>	<u>Relatively more gravel here</u>
3	<u>33.0</u>	<u> </u>	<u>Relatively more gravel here</u>
4	<u>335.0</u>	<u>334.5</u>	<u>Harder; less gravel</u>
5	<u>308.5</u>	<u> </u>	<u>Harder; less gravel</u>
6	<u>279.0</u>	<u> </u>	<u>Harder; less gravel</u>
7	<u>262.5</u>	<u>262.0</u>	<u>Harder; less gravel</u>
8	<u>4.0</u>	<u> </u>	<u>Doesn't seem level; clay too soft? Hard part of hearth</u>
9	<u>356.5</u>	<u>357.0</u>	<u>Hard part of hearth</u>
10	<u>320.5</u>	<u> </u>	<u>Hard part of hearth</u>
11	<u>19.5</u>	<u> </u>	<u>Under #9; Hard part of hearth</u>
12	<u>296.5</u>	<u> </u>	<u>Under #5; Hard part of hearth</u>

Specimen Locations





ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-12
Collector: Jeff Eighmy Date: 8/23/06

Archaeologist Henry Wallace/Debbie Swartz
Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244
Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)
Email: henry@desert.com; debbie@desert.com

Site Location:

Lat: 32° 26.70' Long: 110° 57.80' Elevation: 2862 Dec 10.97°

Feature I.D. 329.01 Area I.D. E-1

Archaeological Guess Date: _____

Basis for Guess Date: _____

Sample Description: Well prepared hearth. Dark orange to 1.5 cm.

Pebbles throughout. Some cracking.

Feature Evaluation Scoring

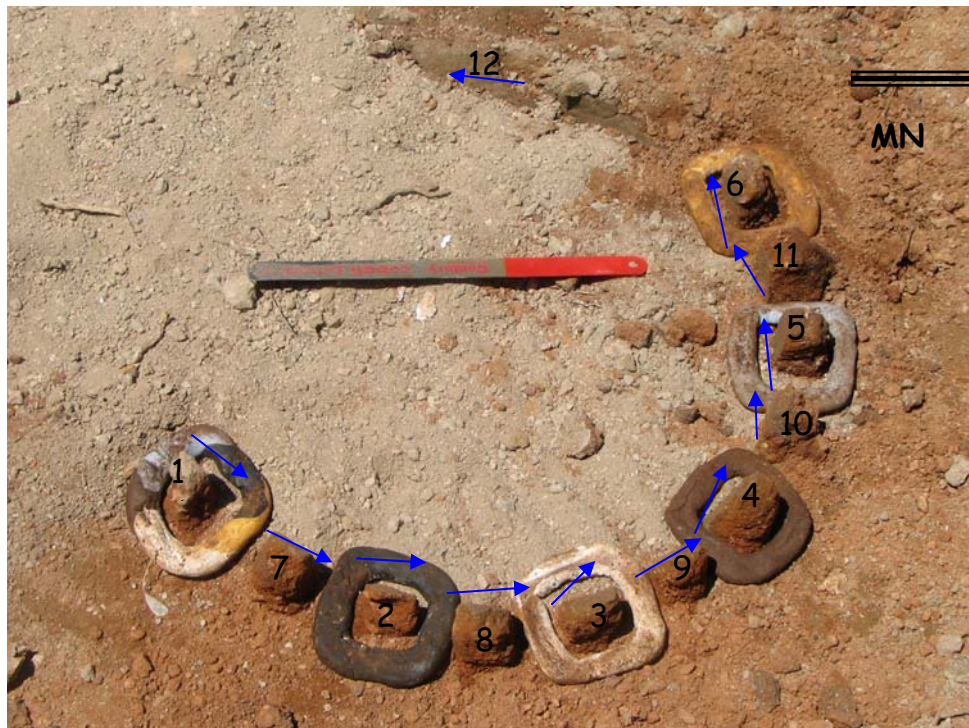
Score	Factor	1	2	3	4	5
1	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
2	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
2	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
2	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
2	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

Number of features previously sampled by collector?

hundreds

	Compass Readings		Comments
1	<u>38.0</u>	<u>38.5</u>	
2	<u>8.0</u>		
3	<u>333.0</u>		
4	<u>306.5</u>	<u>307.0</u>	
5	<u>268.0</u>		
6	<u>239.5</u>		
7	<u>25.0</u>	<u>24.5</u>	
8	<u>355.5</u>		
9	<u>320.0</u>		
10	<u>270.0</u>		
11	<u>357.0</u>	<u>357.5</u>	
12	<u>197.0</u>		

Specimen Locations





ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-11
Collector: Jeff Eighmy Date: 8/23/06

Archaeologist Henry Wallace/Debbie Swartz

Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244
Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)
Email: henry@desert.com; debbie@desert.com

Site Location:
Lat: 32° 26.60' Long: 110° 57.90' Elevation: 2888 Dec 10.97°

Feature I.D. 361.01 Area I.D. E-2

Archaeological Guess Date: _____

Basis for Guess Date: _____

Sample Description: Base of a disturbed, prepared hearth. Thin

Coping on this portion. Brownish/orange (not bright). Not very hard.

Some rocks. Collecting base.

Feature Evaluation Scoring

Score	Factor	1	2	3	4	5
2	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
3	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
3	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
2	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
2	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

Number of features previously sampled by collector? hundreds

	Compass Readings	Comments
1	15.5	
2	308.0	Very loose
3	71.5	
4	34.5	
5	348.0	
6	42.5	
7	328.5	Loose
8	98.5	
9	61.0	Nice, hard piece
10	16.5	
11		
12		

Specimen Locations





ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-9
Collector: Jeff Eighmy Date: 8/22/06

Archaeologist Henry Wallace/Debbie Swartz
Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244
Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)
Email: henry@desert.com; debbie@desert.com

Site Location:

Lat: 32° 26.65' Long: 110° 57.88' Elevation: 2835 Dec 10.97°

Feature I.D. 369.01 Area I.D. E-2

Archaeological Guess Date: A.D. 1000 - 1150

Basis for Guess Date: Ceramics

Sample Description: Well prepared hearth, but lining is full of pebbles.

Very orange to about 1 cm. Dark Surface. Half pebbles; half clay

Feature Evaluation Scoring

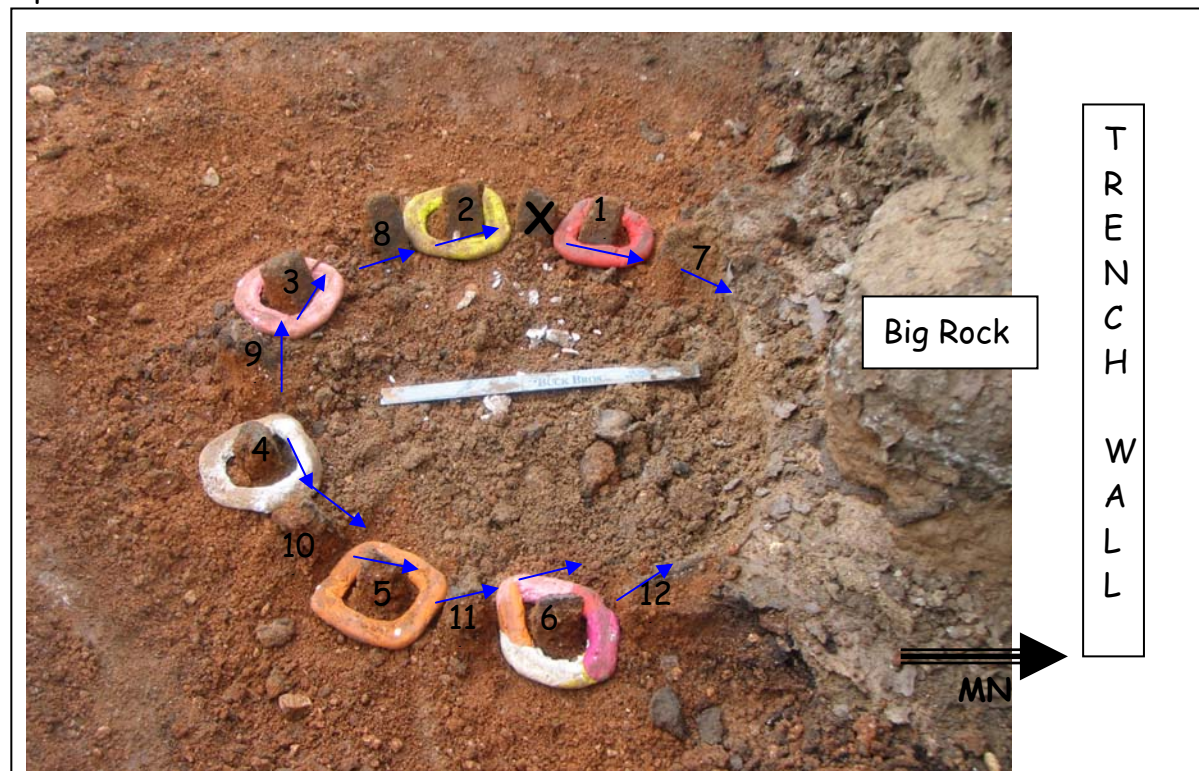
Score	Factor	1	2	3	4	5
1	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
2	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
1	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
2	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
4	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

Number of features previously sampled by collector?

hundreds

	Compass Readings		Comments
1	<u>19.0</u>	<u>18.5</u>	
2	<u>342.0</u>		<u>top loose</u>
3	<u>299.5</u>		
4	<u>61.5</u>	<u>62.0</u>	
5	<u>25.5</u>	<u>25.0</u>	
6	<u>351.5</u>		
7	<u>31.5</u>		
8	<u>332.0</u>		
9	<u>274.5</u>		
10	<u>44.5</u>		
11	<u>9.0</u>	<u>8.5</u>	
12	<u>340.0</u>		

Specimen Locations





ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-3
Collector: Jeff Eighmy Date: 8/9/06

Archaeologist Henry Wallace/Debbie Swartz

Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244
Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)
Email: henry@desert.com; debbie@desert.com

Site Location:

Lat: 32° 26.61' Long: 110° 57.89' Elevation: 2866' Dec10.97°

Feature I.D. 632.01 Area I.D. S6

Archaeological Guess Date: ?? A.D. 1100 – 1150 ??

Basis for Guess Date: No diagnostics

Sample Description: Well-prepared hearth. Thin, black film on

surface. Orange color underneath. Hrd but a lot of small pebbles and

gravel.

Feature Evaluation Scoring

Score	Factor	1	2	3	4	5
1	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
1	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
1	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
2	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
1	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

Number of features previously sampled by collector?

hundreds



ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-40
Collector: Jeff Eighmy/Tom Sapienza Date: 12/04/06

Archaeologist Henry Wallace/Debbie Swartz

Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244
Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)
Email: henry@desert.com; debbie@desert.com

Site Location:

Lat: 32° 26.63' Long: 110 ° 57.89' Elevation: 2873" Dec10.97°

Feature I.D. 413.01 Area I.D. W-1(Moore Rd)

Archaeological Guess Date: A.D. 500 - 700

Basis for Guess Date: Proj. pts.

Sample Description: Collecting base of prepared hearth. Oxydized

to about 2 cm. But very sandy and soft. These samples seem to be

floatring on sand.

Feature Evaluation Scoring

Score	Factor	1	2	3	4	5
2	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
3	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
2	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
3	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
1	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

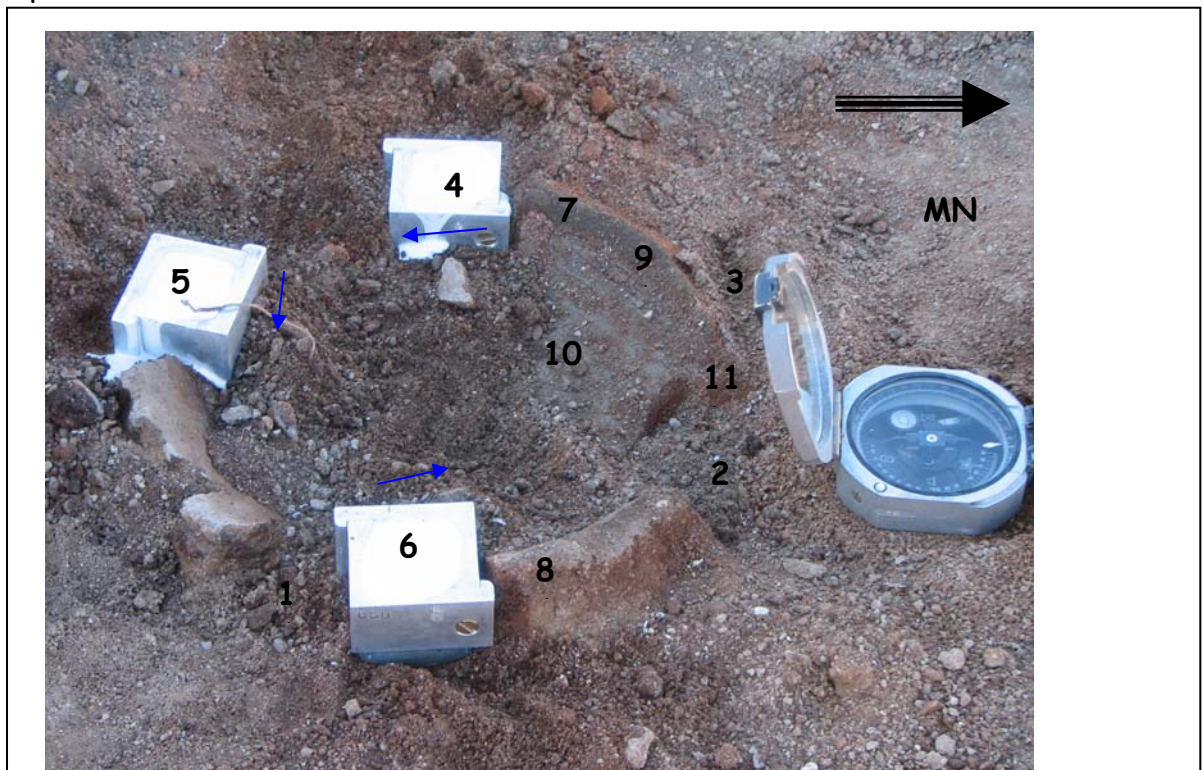
Number of features previously sampled by collector?

Hundreds

Photo
taken w.
4,5,6
being
poured

	Compass Readings		Comments
	112.5		
1			
	13.5		VERY! Shakey
2			
	295.0		
3			
	177.5		
4			
	100.5	101.0	
5			
	354.0	354.5	
6			
	196.5	196.5	
7			
	342.5	342.0	
8			
	242.0	242.5	242.0
9			
	218.5	219.0	
10			
	42.5	42.5	
11			
12			

Specimen Locations





ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-34
Collector: Jeff Eighmy Date: 10/16/06

Archaeologist	<u>Henry Wallace/Debbie Swartz</u>
Affiliation/	<u>Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244</u>
Address/	<u>520 490 6910 (Henry); 520 271 1773 (Debbie)</u>
Email:	<u>henry@desert.com; debbie@desert.com</u>

Site Location:

Lat: 32° 26.63' Long: 110 ° 57.91' Elevation: 2857" Dec10.97°

Feature I.D. 430.01 Area I.D. E-3

Archaeological Guess Date: A.D. 1000 - 1100

Basis for Guess Date: _____

Sample Description: Ill-prepared hearth. Looks like fired sand. Thick

dark crust. Some orange color change under dark crust. Collecting

crust and orange. Large part of hearth and apron missing.

Feature Evaluation Scoring

Score	Factor	1	2	3	4	5
3	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
4	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
3	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
4	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
4	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

Number of features previously sampled by collector?

Hundreds

	Compass Readings		Comments
1	337.0	337.5	
2	321.5		
3	22.5		
4	3.5		
5	274.5		
6	341.0	340.5	
7	15.0	15.5	
8	320.0		
9	320.0		
10	1.0	1.5	
11	356.5		Floating
12	11.5	12.0	

Specimen Locations





Morning light. Soaked

Afternoon light. Dry



Dark, stain-like crust
on top of orange,
oxidation.

ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-14
Collector: Jeff Eighmy Date: 8/28/06

Archaeologist Henry Wallace/Debbie Swartz

Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244

Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)

Email: henry@desert.com; debbie@desert.com

Site Location:

Lat: 32° 26.61' Long: 110° 57.90' Elevation: 2895 Dec 10.97°

Feature I.D. 465.01 Area I.D. E-3

Archaeological Guess Date: _____

Basis for Guess Date: _____

Sample Description: Prepared hearth with large pebbles

throughout. Deep orange to about 1.5 cm. Not very hard.

Feature Evaluation Scoring

Score	Factor	1	2	3	4	5
2	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
2	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
2	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
2	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
3	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

Number of features previously sampled by collector?

hundreds



ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-33
Collector: Jeff Eighmy Date: 10/16/06

Archaeologist Henry Wallace/Debbie Swartz
Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244
Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)
Email: henry@desert.com; debbie@desert.com

Site Location:

Lat: 32° 26.65' Long: 110 ° 57.91' Elevation: 2844" Dec10.97°

Feature I.D. 484.01 Area I.D. E-3

Archaeological Guess Date: A.D. 1000 - 1100

Basis for Guess Date: _____

Sample Description: Prepared hearth. Very hard and dark orange.

Just full of gravel.

33, 34, 35, and 36 are part of courtyard group. 33 & 36 are deeper than

others, but I cannot tell that they are stratigraphically earlier than 34 & 35.

Feature Evaluation Scoring

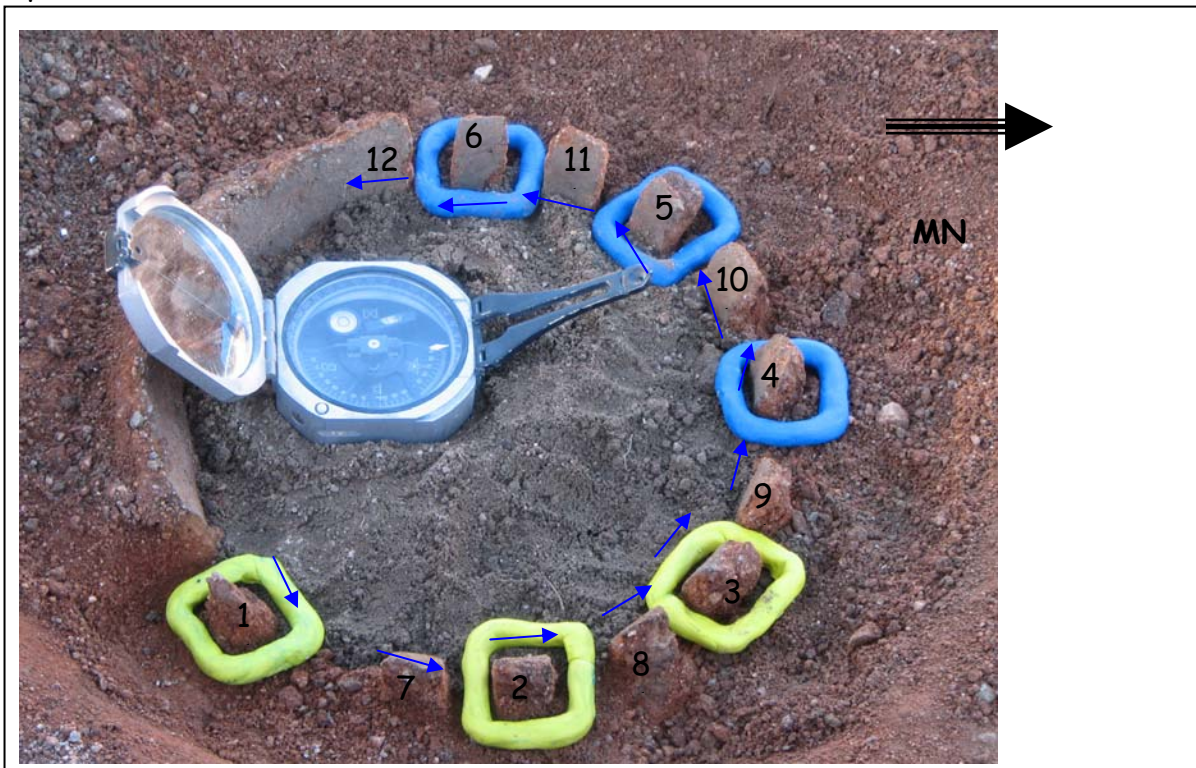
Score	Factor	1	2	3	4	5
1	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
.5	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
1	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
2	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
3	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

Number of features previously sampled by collector?

Hundreds

	Compass Readings			Comments
1	58.5	59.0	58.5	Faced flaked off.
2	0.0			
3	315.5			
4	266.5	267.0		
5	229.0	228.5		
6	184.5			Top popped off. Replaced
7	19.5			
8	331.5			
9	296.0			
10	243.5			
11	204.0			
12	164.0			

Specimen Locations



Morning light.
Soaked



Afternoon light.
Dry



Crusty; conglomerate-
like matrix



ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-10
Collector: Jeff Eighmy Date: 8/22/06

Archaeologist Henry Wallace/Debbie Swartz
Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244
Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)
Email: henry@desert.com; debbie@desert.com

Site Location:

Lat: 32° 26.60' Long: 110° 57.88' Elevation: 2888 Dec 10.97°

Feature I.D. 490.01 Area I.D. E-3

Archaeological Guess Date: A.D. 850 - 1000

Basis for Guess Date: Ceramics

Sample Description: Well prepared hearth – very hard. Most stable

Of first ten samples collected at Honeybee. Full of pebbles – strong.

Light orange color change to 1-1.5 cm.

Feature Evaluation Scoring

Score	Factor	1	2	3	4	5
1	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
1	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
1	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
1	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
2	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

Number of features previously sampled by collector?

hundreds



ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-5
Collector: Jeff Eighmy Date: 8/106

Archaeologist Henry Wallace/Debbie Swartz
Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244
Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)
Email: henry@desert.com; debbie@desert.com

Site Location:

Lat: 32° 26.68 Long: 110° 57.81' Elevation: 2850 Dec 10.97°

Feature I.D. 534.01 Area I.D. E1

Archaeological Guess Date: A.D. 1000 – 1100

Basis for Guess Date: _____

Sample Description: Well prepared hearth, but badly cracked.

Doesn't seem to have displaced. Nice clay (about 0.5 cm) and nice

orange color change.

Feature Evaluation Scoring

Score	Factor	1	2	3	4	5
1	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
1	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
3	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
1	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
1	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

Number of features previously sampled by collector?

hundreds

	Compass Readings		Comments
1	<u>14.5</u>	<u>15.0</u>	_____
2	<u>302.0</u>	_____	<u>Rock in base (removed)</u>
3	<u>262.0</u>	_____	_____
4	<u>49.0</u>	_____	_____
5	<u>11.0</u>	_____	_____
6	<u>285.5</u>	_____	_____
7	<u>knocked over in pour</u>	_____	_____
8	<u>276.5</u>	<u>277.0</u>	_____
9	<u>261.0</u>	<u>261.5</u>	_____
10	<u>12.0</u>	<u>11.5</u>	_____
11	<u>354.5</u>	<u>354.0</u>	_____
12	<u>293.0</u>	_____	_____

Specimen Locations





ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-28
Collector: Jeff Eighmy Date: 9/26/06

Archaeologist Henry Wallace/Debbie Swartz

Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244
Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)
Email: henry@desert.com; debbie@desert.com

Site Location:

Lat: 32° 26.65' Long: 110 ° 57.82' Elevation: 2867" Dec10.97°

Feature I.D. 539.01 Area I.D. E-1

Archaeological Guess Date: _____

Basis for Guess Date: _____

Sample Description: Hearth dug into subsoil. Ill-prepared.

Orange color change to about 2 cm. Mostly coarse sand and a little

silt/clay.

Feature Evaluation Scoring

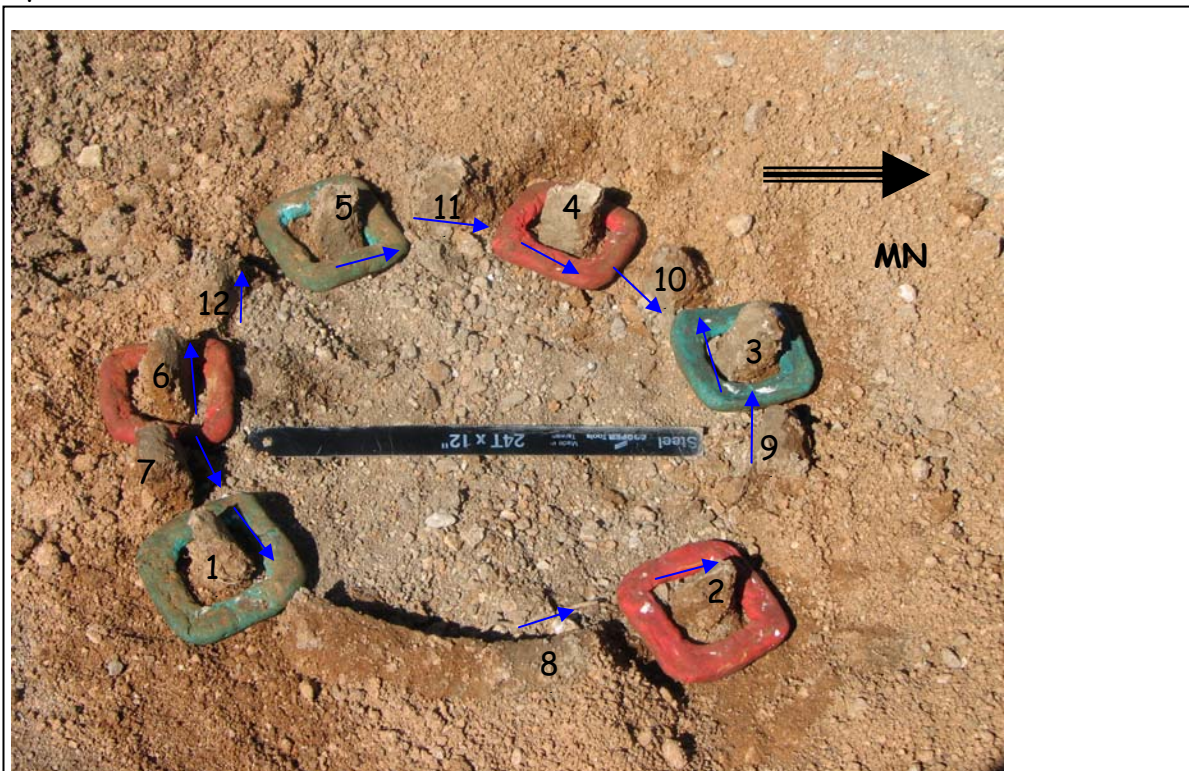
Score	Factor	1	2	3	4	5
1	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
3	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
2	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
4	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
4	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

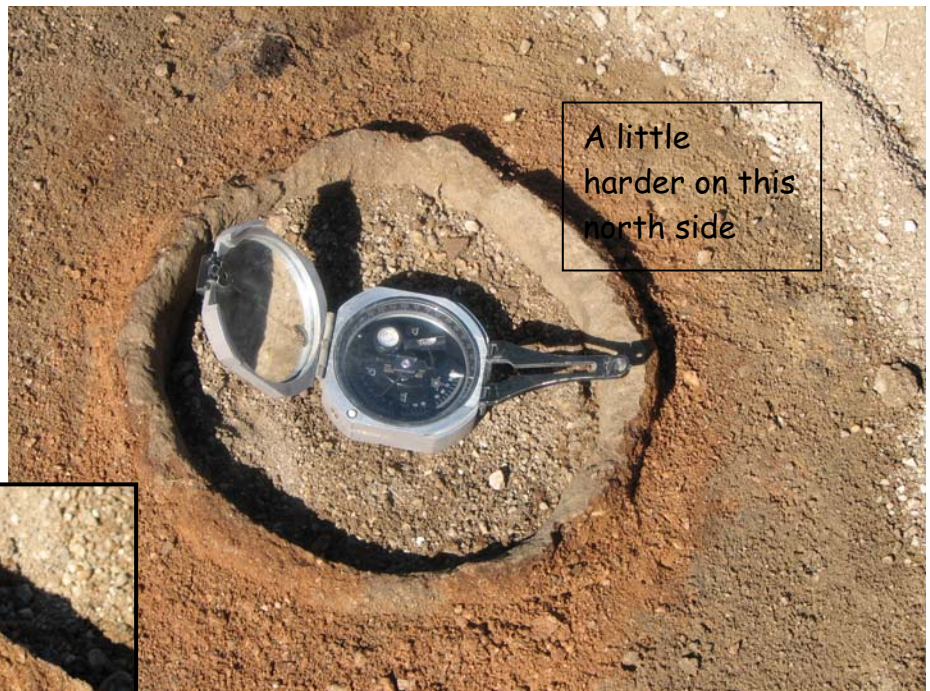
Number of features previously sampled by collector?

Hundreds

	Compass Readings		Comments
1	55.5		
2	335.0		
3	251.5	252.0	
4	30.0		
5	335.0		
6	271.0		
7	78.0		
8	344.5		
9	278.0		
10	45.5		
11	5.5		
12	293.5		

Specimen Locations





ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-27
Collector: Jeff Eighmy Date: 9/26/06

Archaeologist Henry Wallace/Debbie Swartz

Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244

Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)

Email: henry@desert.com; debbie@desert.com

Site Location:

Lat: 32° 26.66' Long: 110 ° 57.82' Elevation: 2844" Dec10.97°

Feature I.D. 541.01 Area I.D. E-1

Archaeological Guess Date: _____

Basis for Guess Date: _____

Sample Description: Prepared hearth. Orange to about 2 cm.

Few inclusions. Solid pedestals.

Feature Evaluation Scoring

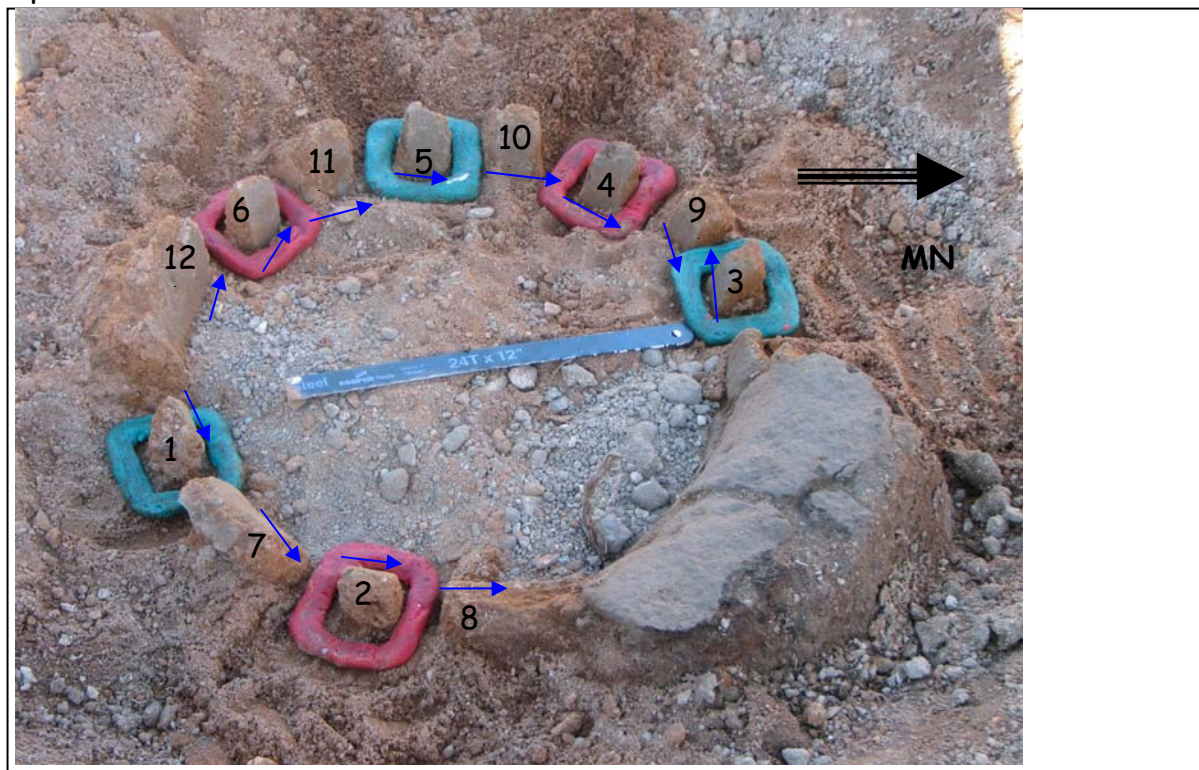
Score	Factor	1	2	3	4	5
1	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
2	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
2	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
1	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
1	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

Number of features previously sampled by collector?

Hundreds

	Compass Readings		Comments
1	72.0		
2	13.0	13.5	
3	261.0		
4	27.0	27.5	
5	0.5		
6	313.5		
7	47.5		
8	4.0		
9	58.0		
10	8.0		
11	332.5	332.0	Noticed pedestal against mold wall when pouring
12	293.5	294.0	

Specimen Locations





ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-29
Collector: Jeff Eighmy Date: 10/02/06

Archaeologist Henry Wallace/Debbie Swartz

Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244
Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)
Email: henry@desert.com; debbie@desert.com

Site Location:

Lat: 32° 26.65' Long: 110 ° 57.84' Elevation: 2837" Dec10.97°

Feature I.D. 588.01 Area I.D. E-1

Archaeological Guess Date: 1100 - 1200

Basis for Guess Date: Ceramics

Sample Description: Prepared hearth. Wide apron on west side.

Orange color change to 2-3 cm! Dark stain crust. Stable but not real

hard. Rocks. Coping on north side covers pure sand!

Feature Evaluation Scoring

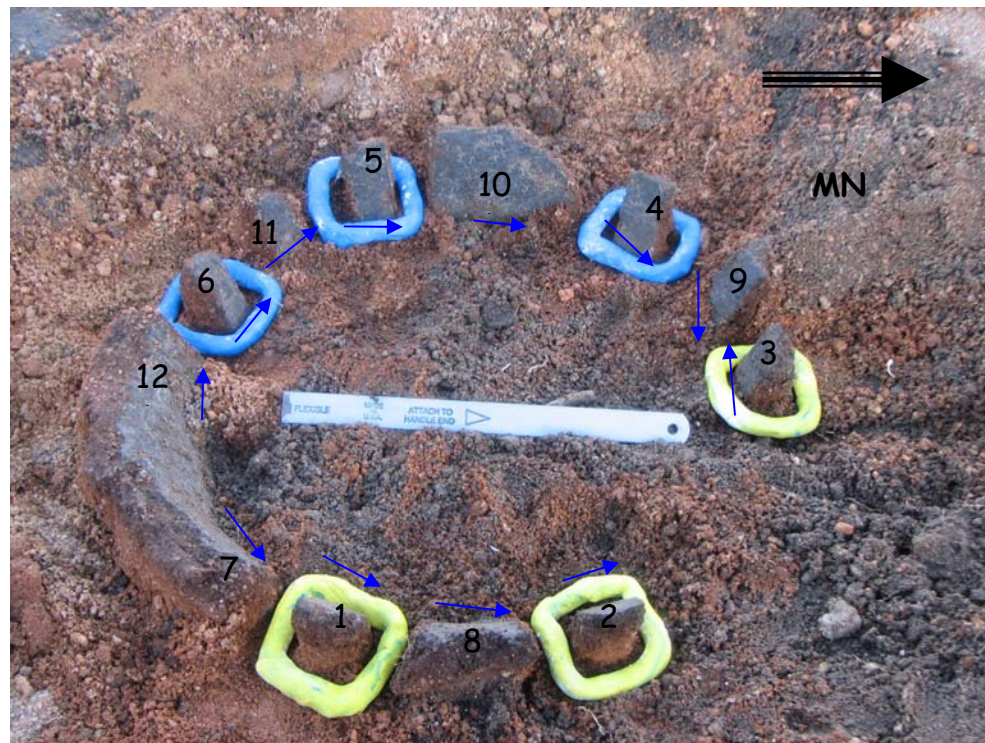
Score	Factor	1	2	3	4	5
1	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
2	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
2	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
2	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
2	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

Number of features previously sampled by collector?

Hundreds

	Compass Readings		Comments
1	39.5		
2	356.5		
3	273.5		
4	47.0		
5	359.0	358.5	
6	313.0		
7	60.5		
8	16.0		
9	85.0		broke; dug lower
10	9.5	10.0	
11	350.0		
12	302.0		

Specimen Locations





ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-24
Collector: Jeff Eighmy Date: 9/19/06

Archaeologist Henry Wallace/Debbie Swartz

Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244
Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)
Email: henry@desert.com; debbie@desert.com

Site Location:

Lat: 32° 26.58' Long: 110 ° 58.11 ' Elevation: 2837 Dec:10.97°

Feature I.D. 626.01 Area I.D. W-2

Archaeological Guess Date: _____

Basis for Guess Date: _____

Sample Description: Prepared hearth. Orange color change to about

2 cm. Some major cracks. Some large rocks.

Feature Evaluation Scoring

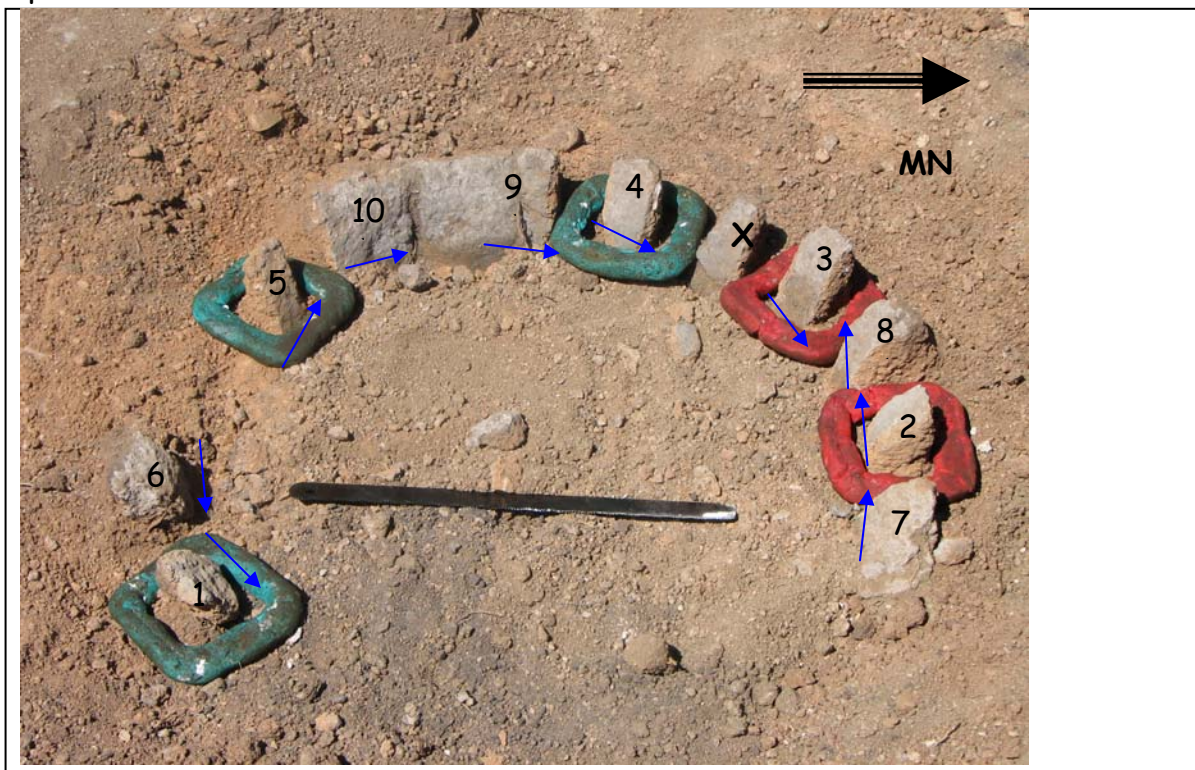
Score	Factor	1	2	3	4	5
2	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
3	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
3	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
3	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
3	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

Number of features previously sampled by collector?

Hundreds

	Compass Readings		Comments
1	56.5		
2	283.5		
3	68.0		
4	31.5		
5	322.5	323.0	
6	96.5		
7	292.0		
8	273.0		
9	15.0		
10	330.0		
11			
12			

Specimen Locations





ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-1
Collector: Jeff Eighmy Date: 7/24/06

Archaeologist Henry Wallace/Debbie Swartz
Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244
Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)
Email: henry@desert.com; debbie@desert.com

Site Location:

Lat: 32° 26.65' Long: 110° 57.1' Elevation: 2847 Dec: 10.95°

Feature I.D. 632.01 Area I.D. S6

Archaeological Guess Date: Rincon A.D. 950 - 1150

Basis for Guess Date: No diagnostics

Sample Description: Well-prepared hearth. Lining/coping is about

1 cm thick. There is good oxidation to about 1 cm (orange color change)

Orange underneath a thin dark black surface (charcoal stain?).

Hearth is remodeled. I am collecting the latest hearth.

Lots of pebbles. All pedestals were stable.

Feature Evaluation Scoring

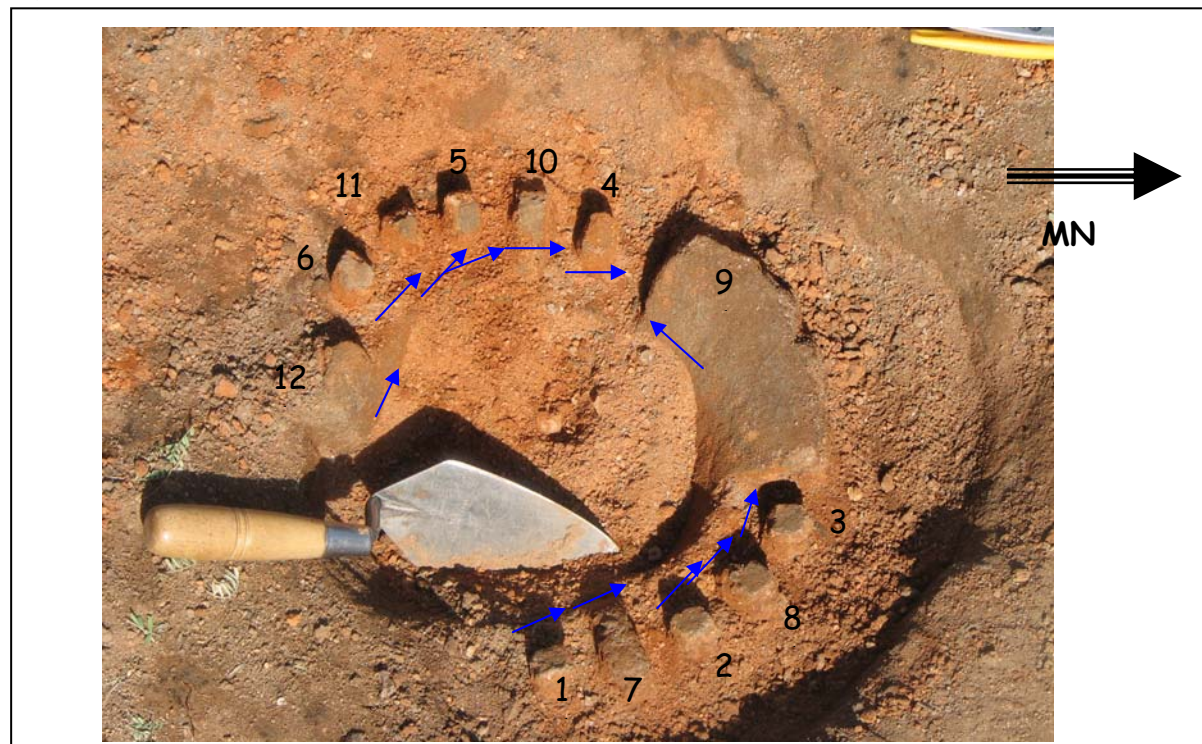
Score	Factor	1	2	3	4	5
3	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
1	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
1	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
2	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
2	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

Number of features previously sampled by collector?

hundreds

	Compass Readings		Comments
1	346.0		
2	329.0		
3	276.5		
4	15.0		
5	348.0		
6	305.5		
7	349.5		
8	301.5		
9	259.0		
10	354.5		
11	328.5		
12	295.0	295.5	

Specimen Locations



ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-2
Collector: Jeff Eighmy Date: 7/24/06

Archaeologist Henry Wallace/Debbie Swartz
Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244
Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)
Email: henry@desert.com; debbie@desert.com

Site Location:

Lat: 32° 26.48' Long: 110° 58.01' Elevation: 2842' Dec: 10.95°

Feature I.D. 686.02 Area I.D. S1

Archaeological Guess Date: A.D. 1000-1100

Basis for Guess Date: Ceramics

Sample Description: Hearth dug into decomposing granite-like soil.

~~Very granular - uniform in size. Surface of hearth seems to have a~~
~~thin, clay lining (1 - 2 mm). I've collected that lining. Surface of lining~~
~~is dark black, but under the lining there is oxidized color change~~
~~(orange) to about 1 cm.~~
Very gravelly.

Feature Evaluation Scoring

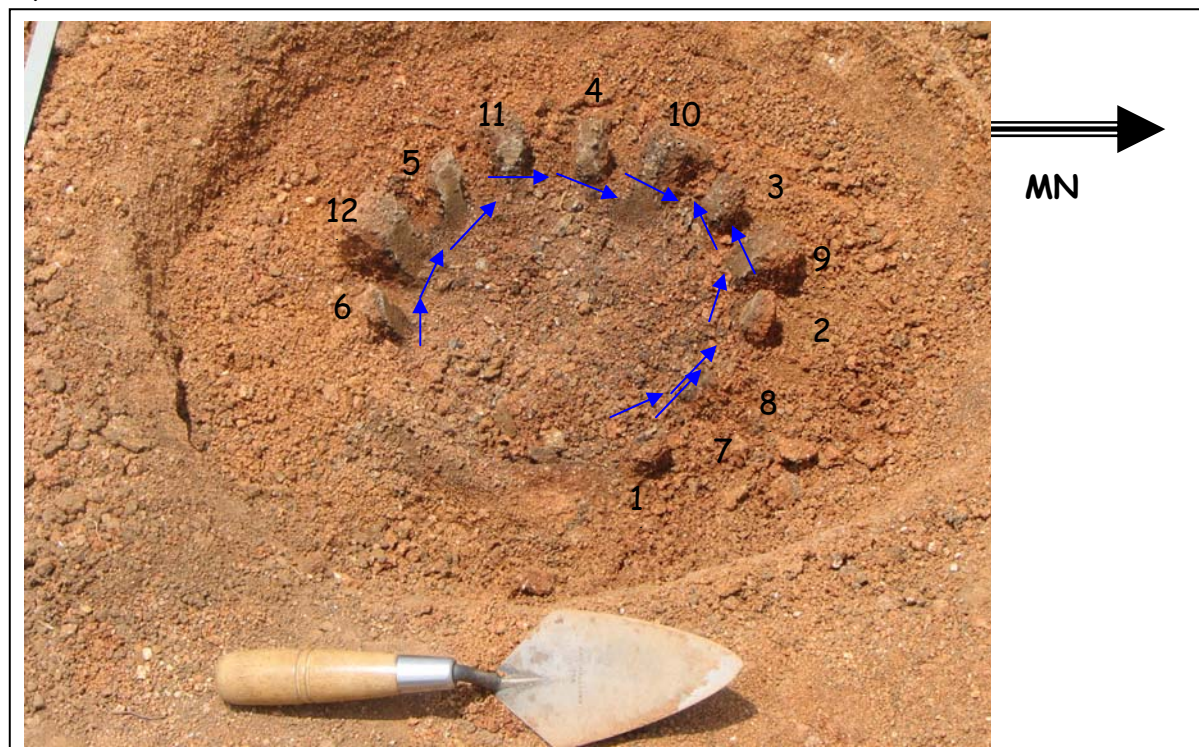
Score	Factor	1	2	3	4	5
2	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
4	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
1	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
3	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
1	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

Number of features previously sampled by collector?

hundreds

	Compass Readings		Comments
1	<u>92.5</u>	<u>93.0</u>	
2	<u>310.5</u>	<u>310.0</u>	
3	<u>273.5</u>		
4	<u>37.5</u>		
5	<u>350.5</u>		
6	<u>322.0</u>	<u>321.5</u>	
7	<u>337.5</u>		
8	<u>376.5</u>		
9	<u>238.0</u>	<u>237.5</u>	
10	<u>350.0</u>		
11	<u>320.5</u>		
12	<u>289.0</u>		

Specimen Locations



ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-17
Collector: Jeff Eighmy Date: 9/5/06

Archaeologist Henry Wallace/Debbie Swartz
Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244
Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)
Email: henry@desert.com; debbie@desert.com

Site Location:

Lat: 32° 26.64' Long: 110° 57.92' Elevation: 2841 Dec 10.97°

Feature I.D. 708 Area I.D. S-3

Archaeological Guess Date: A.D. 850 – 950; Rillito

Basis for Guess Date: Ceramic

Sample Description: Base of an unlined hearth dug into silty soil.

Very Soft. Dark orange soil. No/very little color change. Probably

feature number 708.01.

Feature Evaluation Scoring

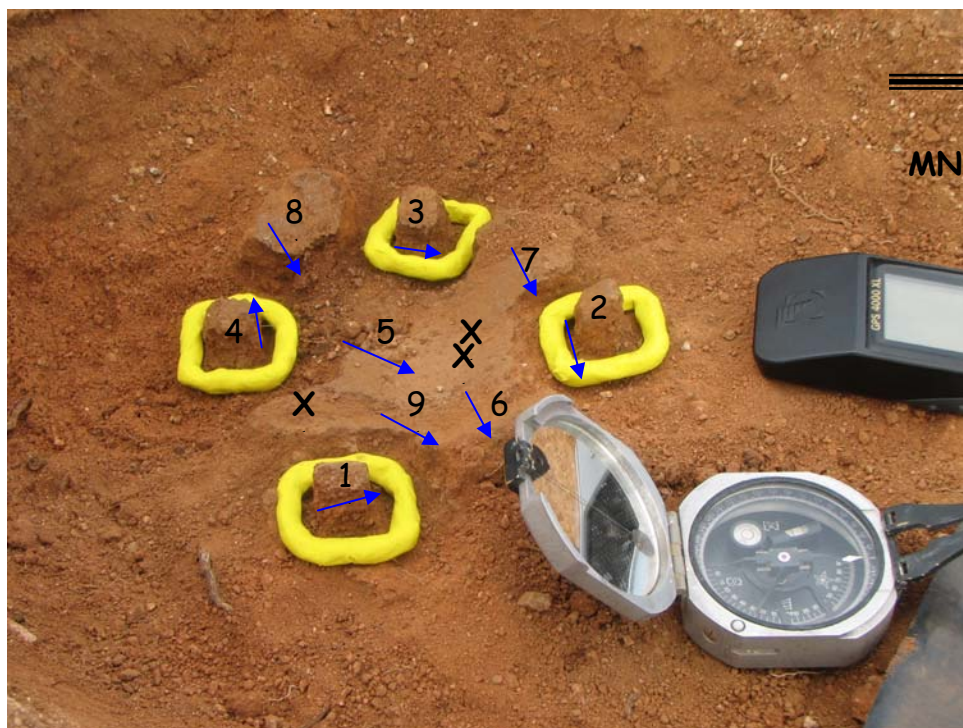
Score	Factor	1	2	3	4	5
4	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
4	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
3	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
3	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
1	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

Number of features previously sampled by collector?

hundreds

	Compass Readings		Comments
1	352.0	351.5	Loose; floating on pedestal
2	78.0		Loose; floating on pedestal
3	24.0		Loose; floating on pedestal
4	269.0		Loose; floating on pedestal
5	34.5		Loose; floating on pedestal
6	43.5		Loose; floating on pedestal
7	38.0		Loose; floating on pedestal
8	40.0		Loose; floating on pedestal
9	30.5		Loose; floating on pedestal
10			
11			
12			

Specimen Locations





ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-18
Collector: Jeff Eighmy Date: 9/5/06

Archaeologist Henry Wallace/Debbie Swartz
Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244
Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)
Email: henry@desert.com; debbie@desert.com

Site Location:

Lat: 32° 26.33' Long: 110° 57.92' Elevation: 2831 Dec 10.97°

Feature I.D. 710 Area I.D. S-3

Archaeological Guess Date: A.D. 850 – 950 Rillito

Basis for Guess Date: Ceramic

Sample Description: Prepared hearth --- portion left after backhoe

Took out ¾. Dark orange color change to about 1.5 cm. Hard, thin

Crust (.5 cm) and then soft, friable underneath. Rocks

Feature Evaluation Scoring

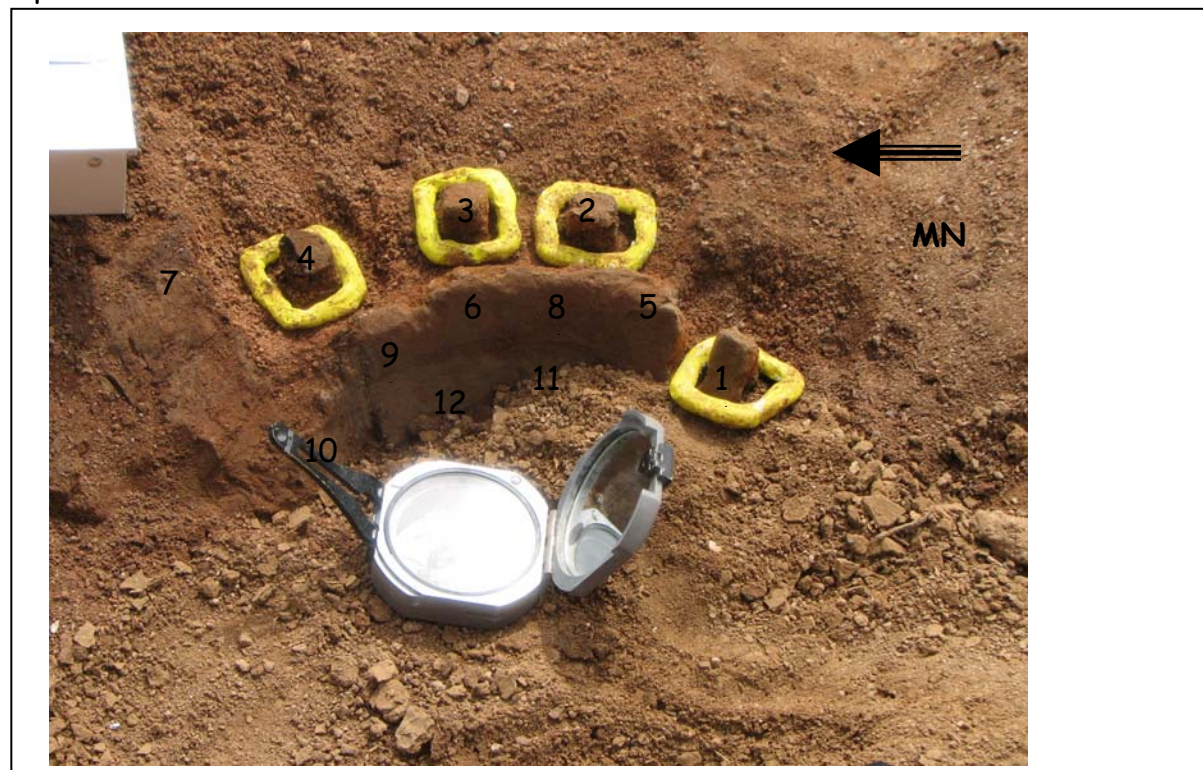
Score	Factor	1	2	3	4	5
2	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
2	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
4	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
2	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
1	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

Number of features previously sampled by collector?

hundreds

	Compass Readings		Comments
1	<u>28.5</u>	<u> </u>	<u>plaster</u>
2	<u>2.0</u>	<u>1.5</u>	<u>back/underneath plaster</u>
3	<u>353.5</u>	<u> </u>	<u>back/underneath plaster</u>
4	<u>324.5</u>	<u> </u>	<u>back/underneath plaster</u>
5	<u>13.0</u>	<u>12.5</u>	<u>plaster</u>
6	<u>351.0</u>	<u>351.5</u>	<u>plaster</u>
7	<u>332.5</u>	<u> </u>	<u>plaster</u>
8	<u>358.5</u>	<u> </u>	<u>plaster</u>
9	<u>333.0</u>	<u> </u>	<u>plaster</u>
10	<u>302.0</u>	<u> </u>	<u>plaster</u>
11	<u>44.5</u>	<u> </u>	<u>lowest; softest</u>
12	<u>354.5</u>	<u>354.0</u>	<u>lowest; softesst</u>

Specimen Locations





ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-45
Collector: Jeff Eighmy Date: 1/17/07

Archaeologist Henry Wallace/Debbie Swartz
Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244
Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)
Email: henry@desert.com; debbie@desert.com

Site Location:

Lat: 32° 26.46' Long: 110 ° 57.92' Elevation: 2839" Dec10.97°

Feature I.D. 775.01 Area I.D. S-3

Archaeological Guess Date: Rillito 850 - 950 A.D.

Basis for Guess Date:

Sample Description: Remnant of a hearth. There is a hard lining in a

portion of the base. No rim or wall lining. On the east side, there is some

oxidation – 1 cm. Rating below reflect the hard base. The oxidized area

on the edge is not hard.

Feature Evaluation Scoring

Score	Factor	1	2	3	4	5
2	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
1	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
2	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
2	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
2	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

Number of features previously sampled by collector?

Hundreds

	Compass Readings				Comments
	12.0	12.5			
1	4.0				
2	31.0	30.5			
3	5.0				
4	2.5				
5	10.0				
6	4.5	5.5	5.5	5.5	
7	358.0				Rock popped out of base
8	345.0				
9	8.5	8.0			
10	353.5				
11	8.0				
12					

Specimen Locations





Pictures taken
from opposite
directions



ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-19
Collector: Jeff Eighmy Date: 9/6/06

Archaeologist Henry Wallace/Debbie Swartz
Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244
Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)
Email: henry@desert.com; debbie@desert.com

Site Location:

Lat: 32° 26.45' Long: 110° 57.91' Elevation: 2817 Dec 10.97°

Feature I.D. 830 Area I.D. S-3

Archaeological Guess Date: A.D. 850 – 950 Rillito

Basis for Guess Date: Ceramic

Sample Description: It's supposed to be a hearth. I can see a

possible rim – but most of the rim and base are gone. It looks like burned

soil. Unprepared. Full of rocks and small gravel. Some color change –

dark orange about .5 cm. Soft.

Feature Evaluation Scoring

Score	Factor	1	2	3	4	5
4	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
4	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
3	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
4	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
3	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

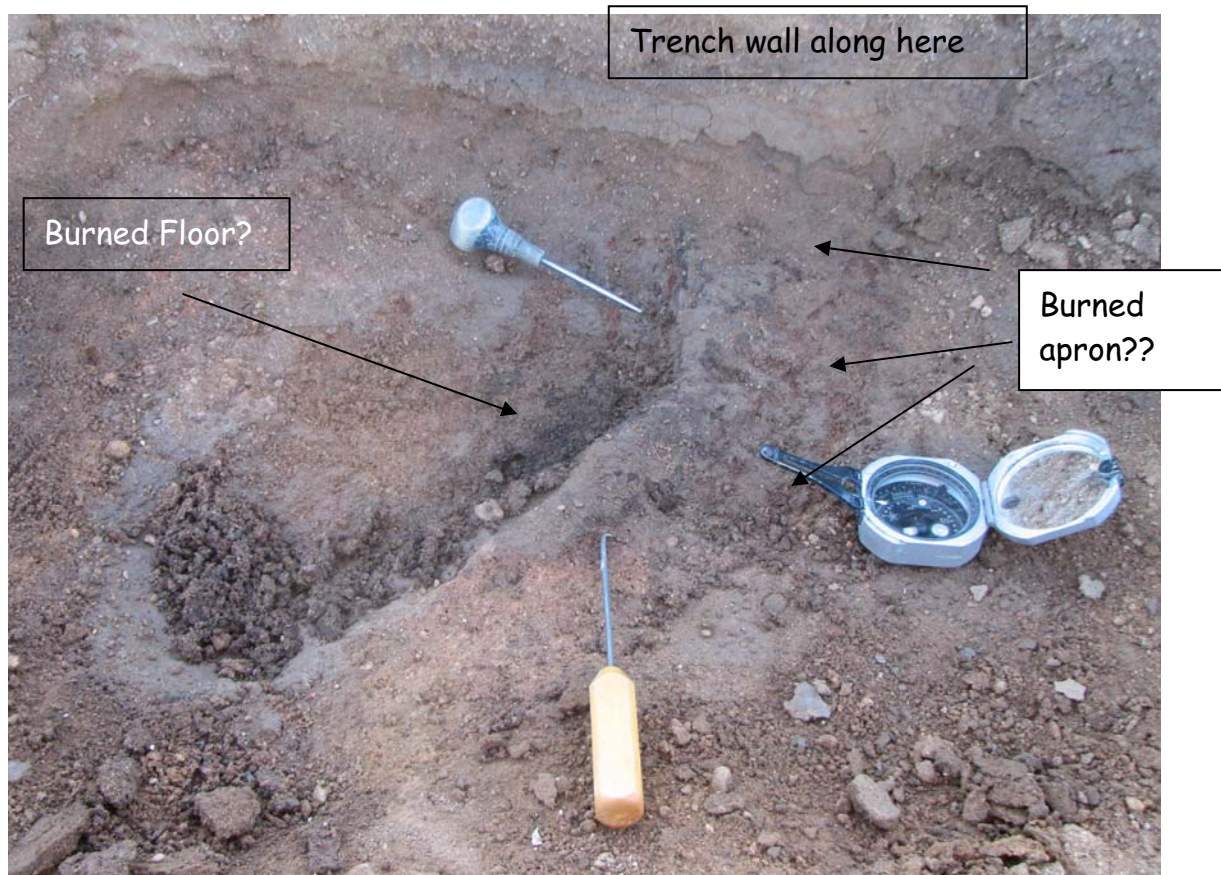
Number of features previously sampled by collector?

hundreds

	Compass Readings	Comments
1	<u>255.0</u> _____	_____
2	<u>260.0</u> _____	_____
3	<u>275.0</u> _____	_____
4	<u>305.5</u> _____	_____
5	<u>302.5</u> _____	_____
6	<u>246.5</u> _____	_____
7	<u>239.5</u> _____	_____
8	<u>274.5</u> _____	_____
9	<u>295.5</u> _____	_____
10	<u>303.5</u> _____	_____
11	<u>297.5</u> _____	_____
12	<u>299.5</u> _____	_____

Specimen Locations





ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-22
Collector: Jeff Eighmy Date: 9/18/06

Archaeologist Henry Wallace/Debbie Swartz

Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244

Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)

Email: henry@desert.com; debbie@desert.com

Site Location:

Lat: ° ' Long: ° ' Elevation: Dec: 10.97°

Feature I.D. 874.01 Area I.D. W-2

Archaeological Guess Date:

Basis for Guess Date:

Sample Description: Prepared hearth – seems to be just puddling of

native soil to produce a smooth surface. Fine gravel/sand; little clay.

Color change to light orange about 1 cm.

Feature Evaluation Scoring

Score	Factor	1	2	3	4	5
3	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
4	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
3	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
4	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
3	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

Number of features previously sampled by collector?

hundreds

	Compass Readings		Comments
	86.0	86.5	
1	54.0		Top loose
2	7.0	7.5	
3	325.5		
4	266.0		
5	234.5	234.0	
6	75.5		
7	32.5		
8	343.0	343.5	Loose; fell over, replaced
9	299.5	299.0	
10	290.5	290.0	
11	248.5	249.0	
12			

Specimen Locations





ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-42
Collector: Jeff Eighmy Date: 1/4/07

Archaeologist Henry Wallace/Debbie Swartz

Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244
Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)
Email: henry@desert.com; debbie@desert.com

Site Location:

Lat: 32° 26.57' Long: 110 ° 58.12' Elevation: 2878" Dec10.97°

Feature I.D. 943.01 Area I.D. W-2

Archaeological Guess Date: Late Rincon circa 1150 A.D. (Greg)

Basis for Guess Date: _____

Sample Description: Very well prepared hearth. The hearth has an
unusual low area or "spout" on the east side (toward door). Dark orange to
3 cm. Very sandy. Several large pebbles.

Feature Evaluation Scoring

Score	Factor	1	2	3	4	5
1	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
3	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
1	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
1	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
2	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

Number of features previously sampled by collector?

Hundreds

	Compass Readings		Comments
1	96.5		
2	40.0	39.5	
3	10.5	10.0	
4	321.5		
5	298.5		
6	265.5	265.0	
7	87.0		
8	19.5		
9	334.5		
10	309.5	309.0	
11	279.5	279.0	
12	250.5		

Specimen Locations





ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-44
Collector: Jeff Eighmy Date: 1/17/07

Archaeologist Henry Wallace/Debbie Swartz
Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244
Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)
Email: henry@desert.com; debbie@desert.com

Site Location:

Lat: 32° 26.43' Long: 110 ° 58.01' Elevation: 2846" Dec10.97°

Feature I.D. 1019.01 Area I.D. S-2

Archaeological Guess Date: Mid/Late Rincon 1000-1150 A.D.

Basis for Guess Date: _____

Sample Description: Prepared hearth. Rim still in good condition.

Possible displacement on south side. I'll stay away from that side.

Orange under black surface. Orange about 2 cm.

Feature Evaluation Scoring

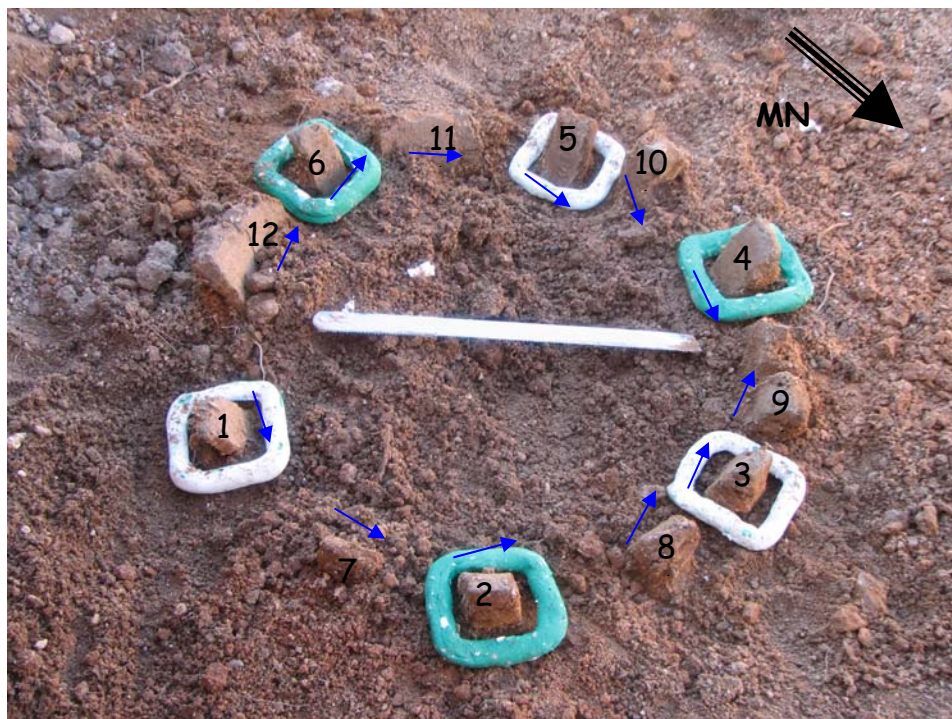
Score	Factor	1	2	3	4	5
1	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
2	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
2	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
2	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
1	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

Number of features previously sampled by collector?

Hundreds

	Compass Readings		Comments
1	358.5		This reading doesn't make sense. Probably 58.5?
2	306.0		
3	260.5		Large chunk popped out of base.
4	38.5	39.0	
5	317.5	317.0	
6	268.0	267.5	
7	28.0		
8	333.0		
9	280.5	281.0	
10	57.5	58.0	
11	342.5	343.0	
12	293.5	294.0	

Specimen Locations



I do not think the saw blade is pointing north in this .



ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-25
Collector: Jeff Eighmy Date: 9/25/06

Archaeologist Henry Wallace/Debbie Swartz

Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244
Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)
Email: henry@desert.com; debbie@desert.com

Site Location:

Lat: 32° 26.52' Long: 110 ° 57.97' Elevation: 2840 Dec: 10.97°

Feature I.D. 1061.01 Area I.D. S-5

Archaeological Guess Date: 1100 - 1150

Basis for Guess Date: Ceramics

Sample Description: Prepared hearth. Thick clay. Orange color

change to about 2 – 3 cm. Very few rocks/gravel. Nice and hard.

This is a two-sawblade hearth; very hard.

Feature Evaluation Scoring

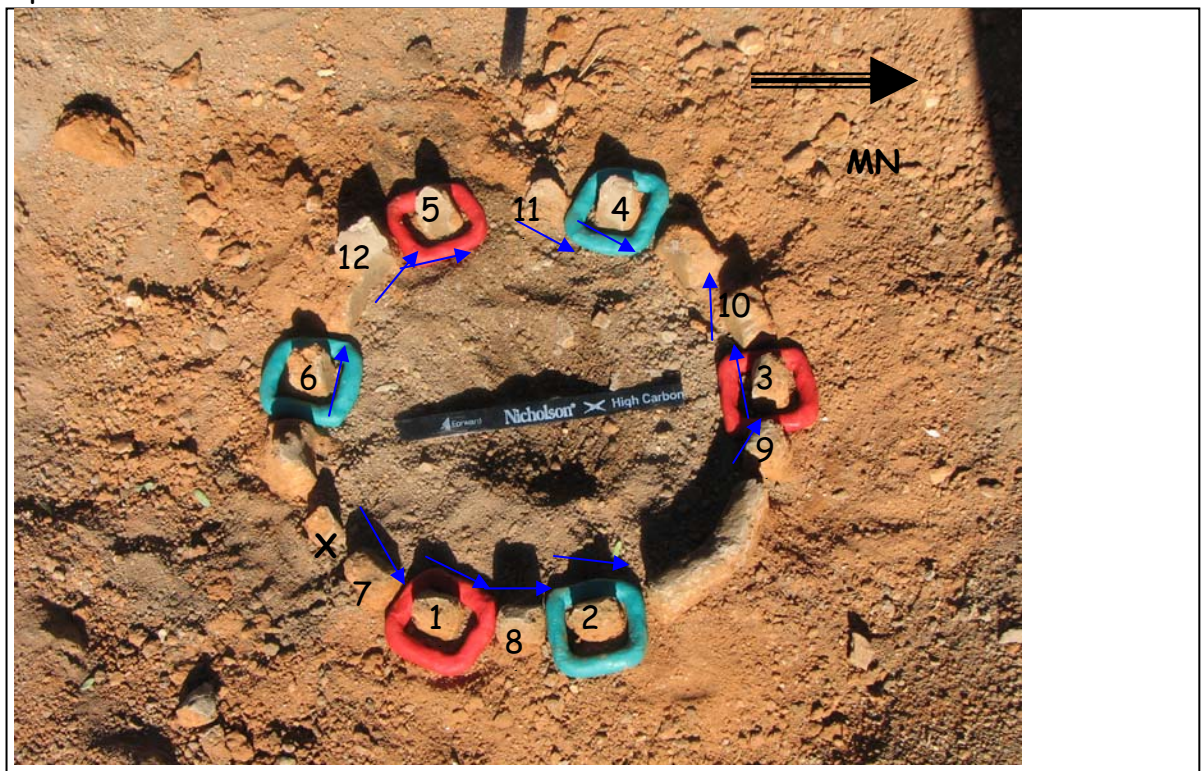
Score	Factor	1	2	3	4	5
1	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
1	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
1	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
1	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
1	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

Number of features previously sampled by collector?

Hundreds

	Compass Readings		Comments
1	48.0		
2	14.5		Loose
3	288.5		
4	45.0		
5	1.0	1.5	Loose
6	304.5		
7	106.5		
8	58.5	58.0	
9	30.5		
10	310.5		
11	84.5	85.0	
12	332.5		

Specimen Locations





ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-23
Collector: Jeff Eighmy Date: 9/19/06

Archaeologist Henry Wallace/Debbie Swartz

Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244
Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)
Email: henry@desert.com; debbie@desert.com

Site Location:

Lat: 32° 26.5' Long: 110 ° 58.02 ' Elevation: 2892 Dec:10.97°

Feature I.D. 1088.01 (latest/final remodel) Area I.D. S-4

Archaeological Guess Date: _____

Basis for Guess Date: _____

Sample Description: Latest remodel of a deep hearth. It is funny material;

Sometimes it doesn't even seem burned???? Top is a distinct black, crusty stuff. It's

flakey and looks organic. 1 cm. Underneath is soil – light tan about 1 cm. I've tried

include both materials in specimens. Collected dry. Every pedestal is shakey. Small

gravel throughout even in black cap.

Feature Evaluation Scoring

Score	Factor	1	2	3	4	5
3	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
3	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
2	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
3	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
2	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

Number of features previously sampled by collector?

Not having a good morning

	Compass Readings		Comments
1	55.5		Short
2	47.5		Short
3	6.0		Short
4	307.0		Short
5	268.5		Short
6	223.5		Short
7	53.0		
8	351.5		
9	333.0		
10	301.0		
11	237.5		
12	XX	Fell over!!!	I'm not in a good place today!!

Specimen Locations





ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-31
Collector: Jeff Eighmy Date: 10/03/06

Archaeologist Henry Wallace/Debbie Swartz

Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244
Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)
Email: henry@desert.com; debbie@desert.com

Site Location:

Lat: 32° 26.62' Long: 110 ° 58.11' Elevation: 2851" Dec:10.97°

Feature I.D. 1098.01 Area I.D. W-1

Archaeological Guess Date: _____

Basis for Guess Date: _____

Sample Description: Prepared hearth and floor. Collecting only the

hearth rim. Badly cracked. Rusty/brown color change – not very orange.

Coping on silty soil. Little rocks.

Feature Evaluation Scoring

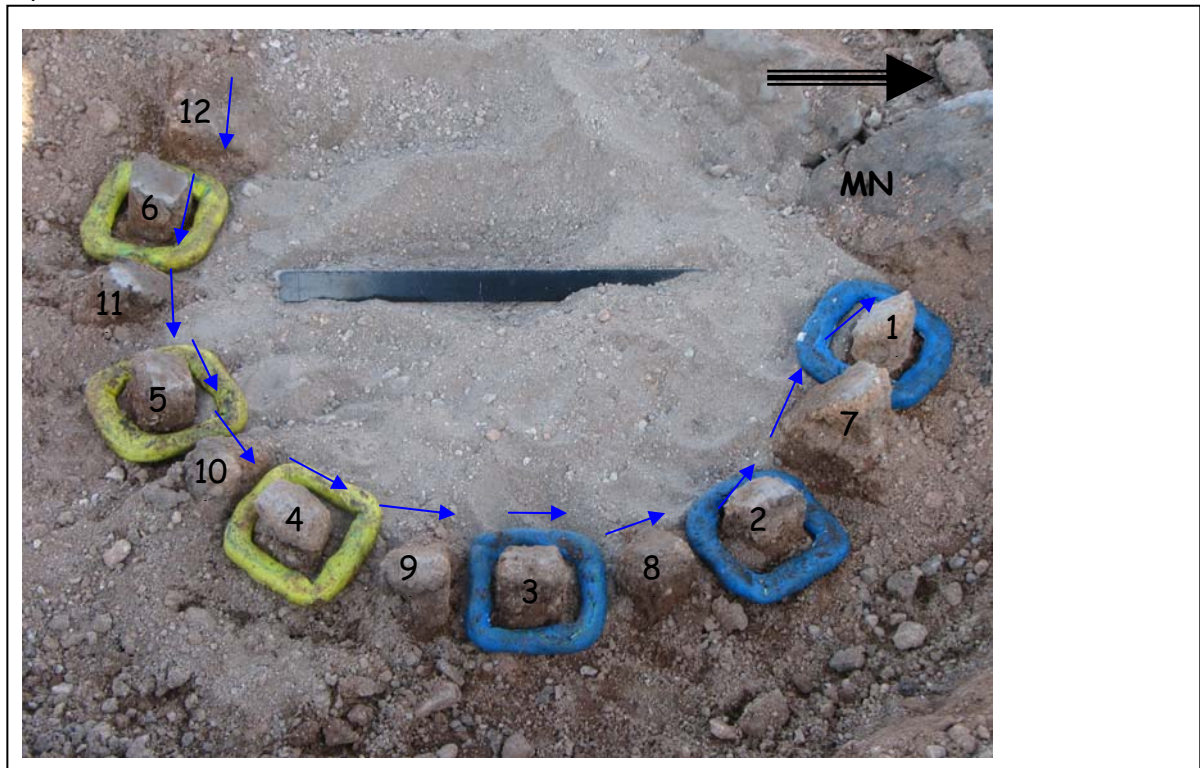
Score	Factor	1	2	3	4	5
2	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
3	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
2	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
2	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
2	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

Number of features previously sampled by collector?

Hundreds

	Compass Readings		Comments
1	313.0	313.5	Popped off; replaced. Moved during pour.
2	340.5		
3	10.5	11.0	
4	50.5	51.0	Popped off; replaced
5	82.0	81.5	
6	114.0	114.5	
7	320.0	321.0	
8	335.5		
9	16.5	17.0	
10	62.5		
11	92.5		
12	108.5		

Specimen Locations





ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-21
Collector: Jeff Eighmy Date: 9/18/06

Archaeologist Henry Wallace/Debbie Swartz
Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244
Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)
Email: henry@desert.com; debbie@desert.com

Site Location:

Lat: 32° 26.63' Long: 110° 58.11' Elevation: 2862 Dec 10.97°

Feature I.D. 1100.01 Area I.D. W-1

Archaeological Guess Date: A.D. 1100 - 1150

Basis for Guess Date: Ceramics

Sample Description: Prepared hearth – but very thin veneer (.5 cm)

Color change to about 1.5 cm. Silty soil. Not as much gravel as in E

locus samples.

Feature Evaluation Scoring

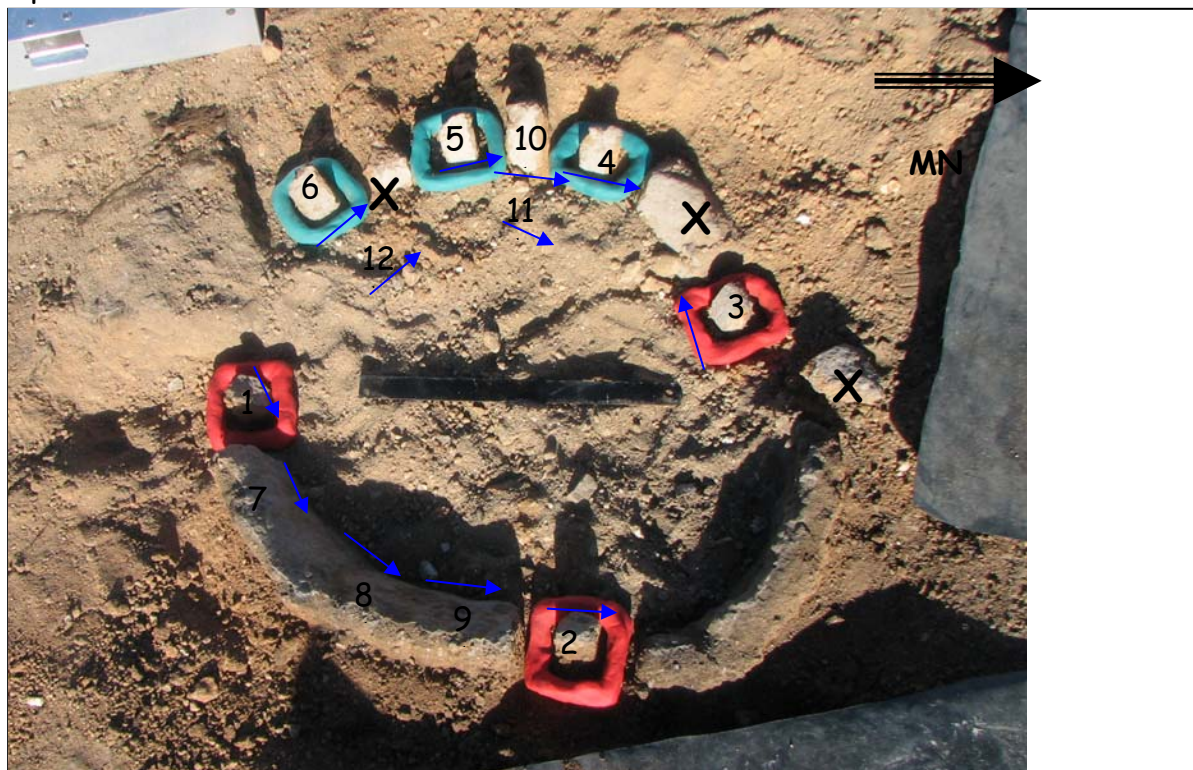
Score	Factor	1	2	3	4	5
2	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
3	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
3	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
3	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
2	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

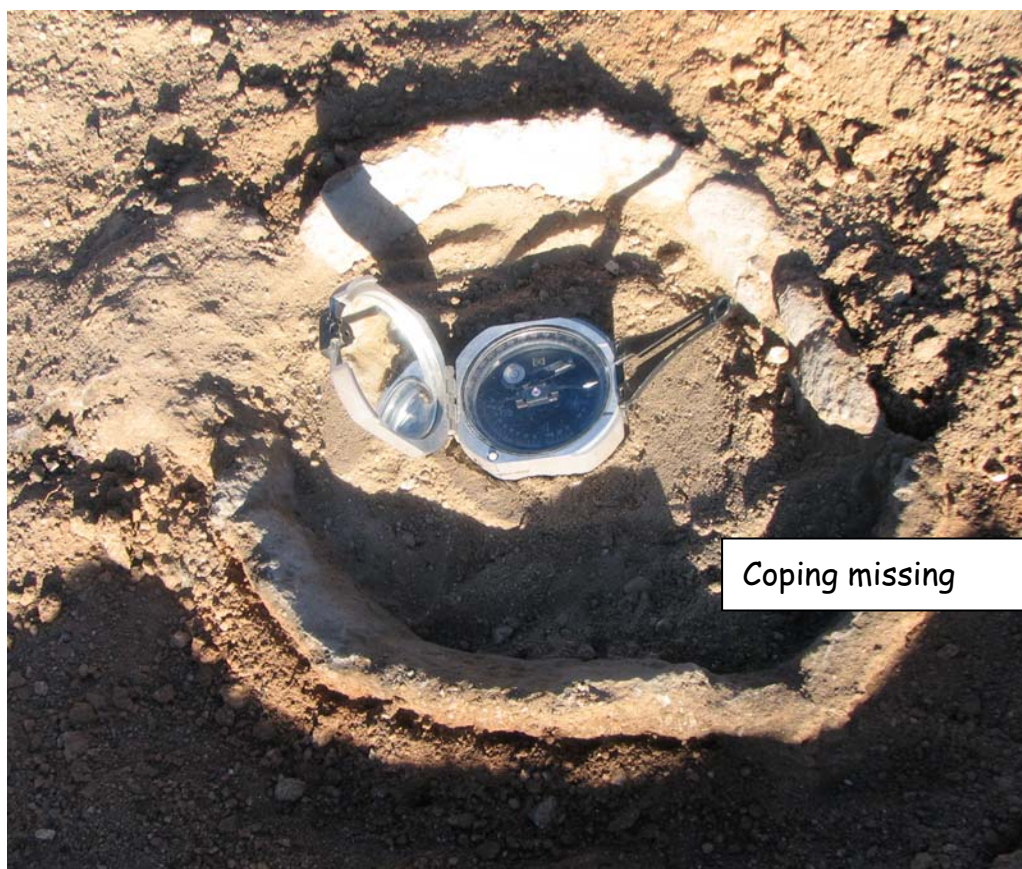
Number of features previously sampled by collector?

hundreds

	Compass Readings		Comments
1	82.0		I could blow this over.
2	12.5		"
3	251.0	256.0	"
4	27.0		"
5	357.0		"
6	331.0		"
7	62.5		"
8	35.5	36.5	"
9	11.5		More stable
10	12.0	12.5	More stable
11	42.0		More stable; under #10; pulled before marking; could be turned
12	345.0		More stable; under #6

Specimen Locations





ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-32
Collector: Jeff Eighmy Date: 10/03/06

Archaeologist Henry Wallace/Debbie Swartz
Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244
Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)
Email: henry@desert.com; debbie@desert.com

Site Location:

Lat: 32° 26.62' Long: 110 ° 58.10' Elevation: 2876" Dec10.97°

Feature I.D. 1161.01 Area I.D. W-1

Archaeological Guess Date: _____

Basis for Guess Date: _____

Sample Description: Tina's house. Prepared hearth. Silt and gravel.

Pedestals stable. Orange to about 1-2 cm. Dark Crust.

Possible distortion on SW side; so, I avoided that side as much as

possible.

Feature Evaluation Scoring

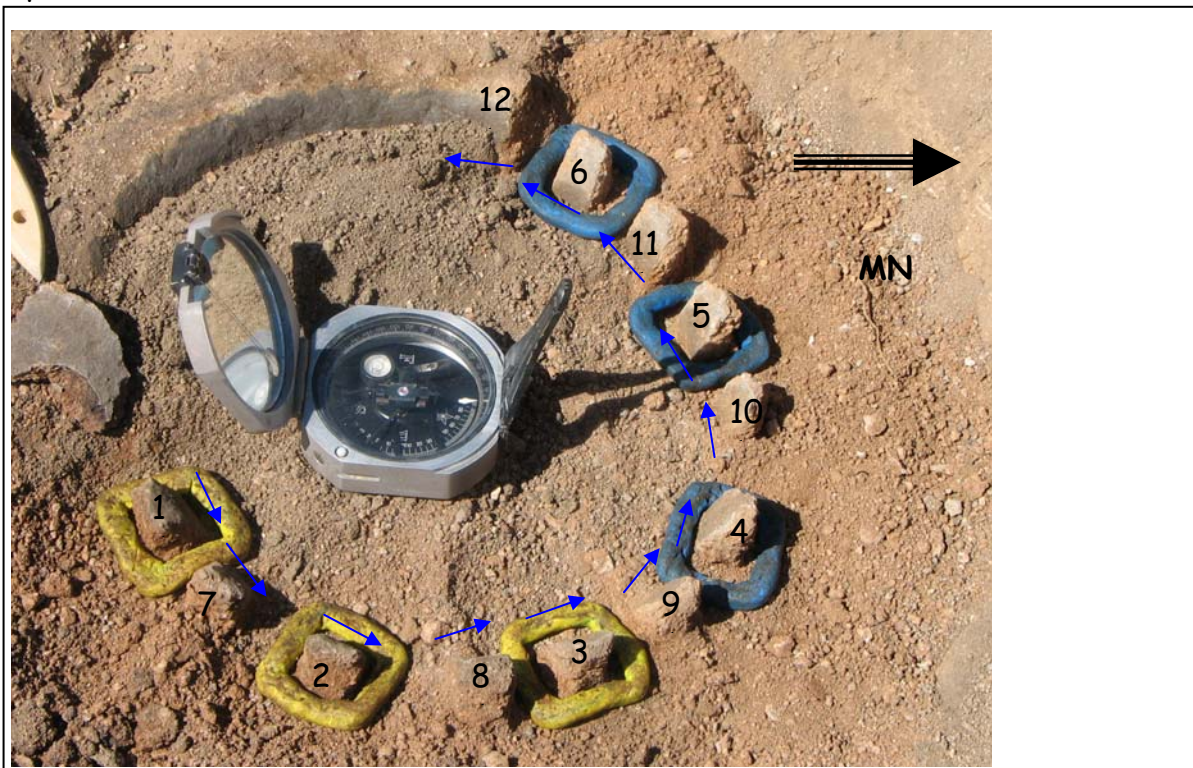
Score	Factor	1	2	3	4	5
1	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
2	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
3	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
2	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
3	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

Number of features previously sampled by collector?

Hundreds

	Compass Readings		Comments
1	56.0		
2	19.0		
3	327.5	328.0	
4	282.0		
5	236.0		
6	214.0		
7	37.5		
8	334.0	334.5	
9	309.0	308.5	
10	255.5		
11	216.5	217.0	
12	197.0		

Specimen Locations





SW side seems to be pushed in, diving under south side. Avoided SW side.



ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-26
Collector: Jeff Eighmy Date: 9/25/06

Archaeologist Henry Wallace/Debbie Swartz

Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244
Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)
Email: henry@desert.com; debbie@desert.com

Site Location:

Lat: 32° 26.52' Long: 110 ° 57.97' Elevation: 2842 Dec:10.97°

Feature I.D. 1218.01 Area I.D. S-7

Archaeological Guess Date: ???; probably late (JLE)

Basis for Guess Date: No diagnostics;

Sample Description: Unprepared hearth. Parts don't look burned.

(ie, no color change. Mottled orange/blk. Ried to pick off the orange

spots. Soft.

Feature Evaluation Scoring

Score	Factor	1	2	3	4	5
4	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
5	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
3	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
3	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
1	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

Number of features previously sampled by collector?

Hundreds

ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-26
Collector: Jeff Eighmy Date: 9/25/06

Archaeologist Henry Wallace/Debbie Swartz
Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244
Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)
Email: henry@desert.com; debbie@desert.com

Site Location:

Lat: 32° 26.52' Long: 110 ° 57.97' Elevation: 2842 Dec: 10.97°

Feature I.D. 1218.01 Area I.D. S-7

Archaeological Guess Date: ???; probably late (JLE)

Basis for Guess Date: No diagnostics;

Sample Description: Unprepared hearth. Parts don't look burned.

(ie, no color change. Mottled orange/blk. Ried to pick off the orange

spots. Soft.

Feature Evaluation Scoring

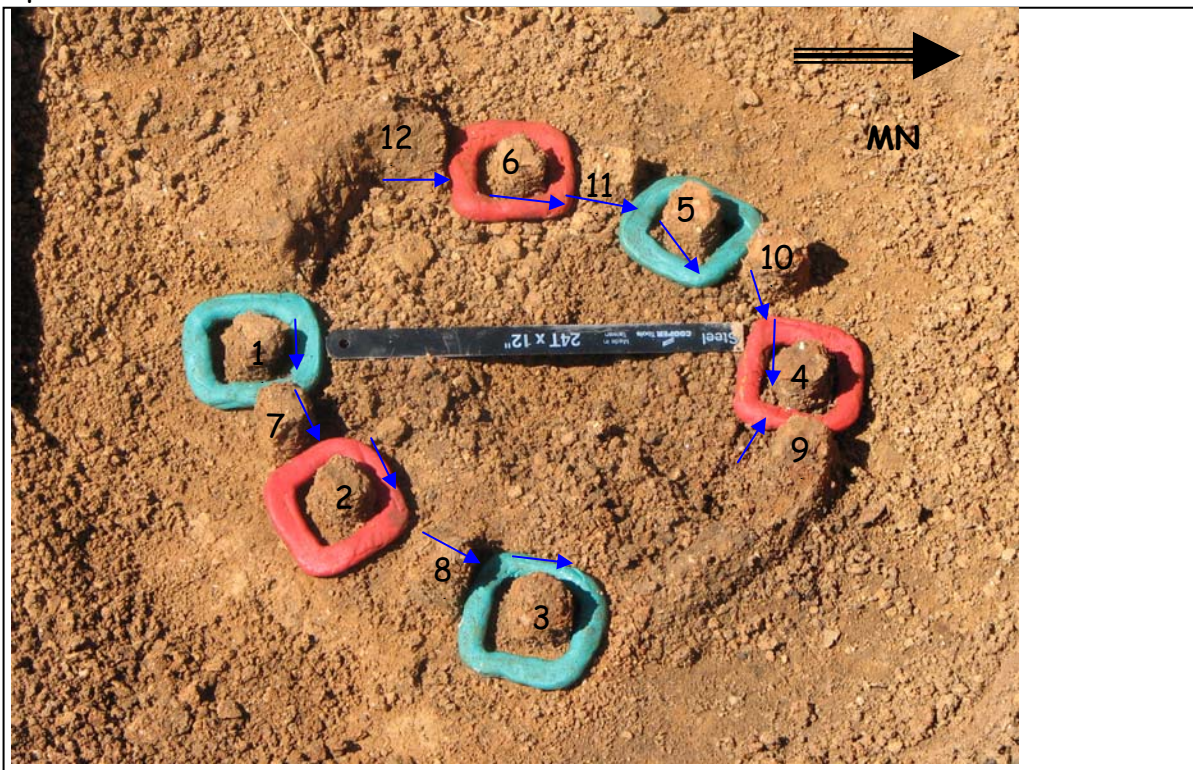
Score	Factor	1	2	3	4	5
4	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
5	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
3	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
3	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
1	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

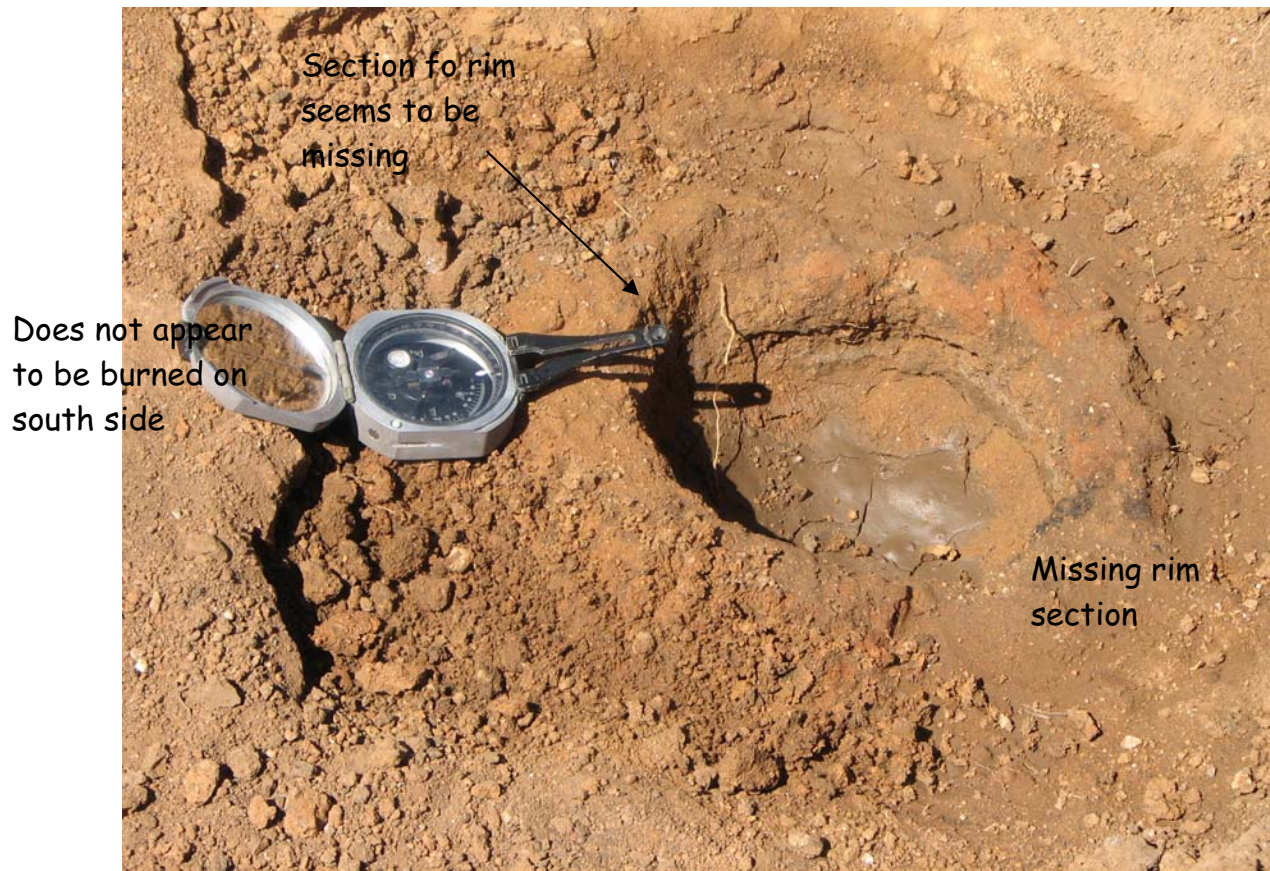
Number of features previously sampled by collector?

Hundreds

	Compass Readings		Comments
1	85.5		No evidence of burning
2	63.0		
3	15.5	16.5	
4	106.5		
5	41.5		
6	10.5		
7	69.5		
8	26.5		Can't read my own writing. Could be 26.5; Image looks like it should be 26.5
9	301.0		
10	58.5	58.0	
11	19.5		
12	6.0	5.5	Not visibly burned

Specimen Locations





ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-43
Collector: Jeff Eighmy Date: 1/17/07

Archaeologist Henry Wallace/Debbie Swartz
Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244
Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)
Email: henry@desert.com; debbie@desert.com

Site Location:

Lat: 32° 26.45' Long: 110 ° 58.00' Elevation: 2877" Dec10.97°

Feature I.D. 1315.01 Area I.D. S-2

Archaeological Guess Date: Rincon 950-1150 A.D.

Basis for Guess Date: _____

Sample Description: Prepared hearth. Rim gone. Very gravelly

Matrix. Dark orange – 1 cm. 25% sand & gravel – very friable.

Feature Evaluation Scoring

Score	Factor	1	2	3	4	5
2	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
4	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
2	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
3	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
2	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

Number of features previously sampled by collector?

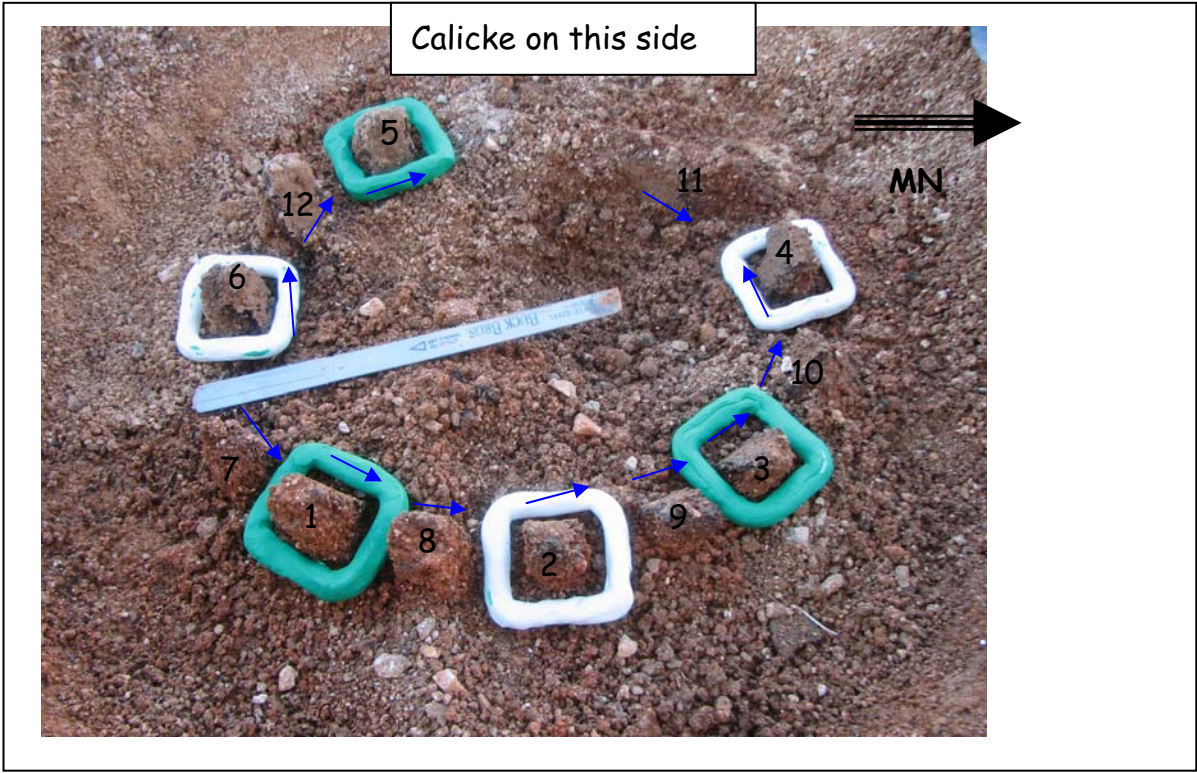
Hundreds

Compass Readings				Comments
1	23.5			
2	351.5	352.0		
3	316.5	318.0	317.0	317.0
4	348.0			
5	329.0	328.5		
6	274.0	273.5		
7	33.5			
8	13.5	13.0		
9	330.0			
10	281.0			
11	28.5			
12	306.5			

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Specimen Locations





ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-52
Collector: Jeff Eighmy Date: 2/1/07

Archaeologist Henry Wallace/Debbie Swartz
Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244
Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)
Email: henry@desert.com; debbie@desert.com

Site Location:

Lat: 32° 26.50' Long: 110° 57.96' Elevation: 2847' Dec: 10.97°

Feature I.D. 1540.01 Area I.D. _____

Archaeological Guess Date: 1100 - 1150

Basis for Guess Date: _____

Sample Description: Prepared hearth, but not a lot of clay. Very

silty. Hearth is in good shape, though. Oxidized orange about 1 cm.

Crusty. Small pebbles throughout.

Feature Evaluation Scoring

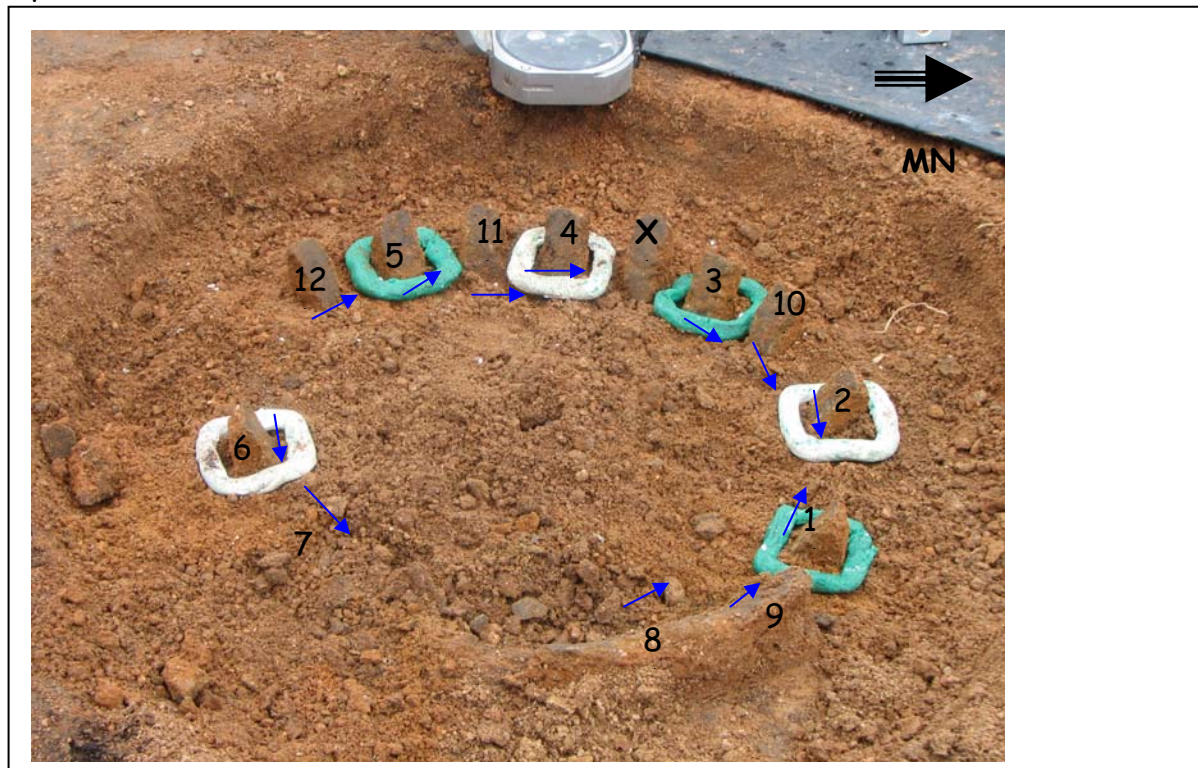
Score	Factor	1	2	3	4	5
2	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
2	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
1	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
2	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
2	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

Number of features previously sampled by collector?

Hundreds

	Compass Readings		Comments
1	300.0	299.5	
2	85.5		
3	36.5		
4	18.5		
5	338.5		
6	82.0	82.5	
7	49.5		
8	336.0		
9	315.5	316.0	
10	50.0		
11	354.0		
12	324.0	324.5	

Specimen Locations





ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-30
Collector: Jeff Eighmy Date: 10/02/06

Archaeologist Henry Wallace/Debbie Swartz
Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244
Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)
Email: henry@desert.com; debbie@desert.com

Site Location:

Lat: 32° 26.64' Long: 110 ° 57.84' Elevation: 2836" Dec10.97°

Feature I.D. 2001.01 Area I.D. E-1

Archaeological Guess Date: 950 - 1000

Basis for Guess Date: Ceramics

Sample Description: Prepared hearth built into sandy soil. Distinct
contact. Orange color change to about 1 cm. Gravel/rocks.

Feature Evaluation Scoring

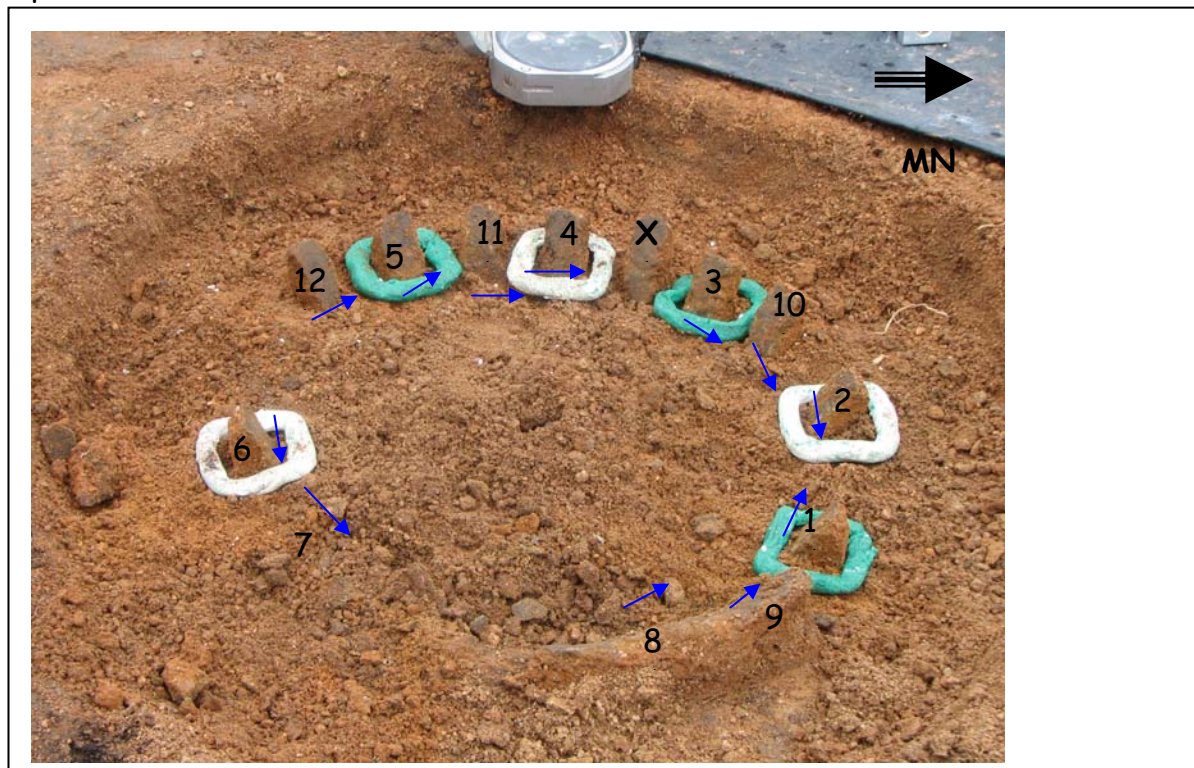
Score	Factor	1	2	3	4	5
3	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
3	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
4	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
2	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
3	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

Number of features previously sampled by collector?

Hundreds

	Compass Readings		Comments
1	300.0	299.5	
2	85.5		
3	36.5		
4	18.5		
5	338.5		
6	82.0	82.5	
7	49.5		
8	336.0		
9	315.5	316.0	
10	50.0		
11	354.0		
12	324.0	324.5	

Specimen Locations





Missing sections

ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-41
Collector: Jeff Eighmy Date: 1/3/07

Archaeologist Henry Wallace/Debbie Swartz
Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244
Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)
Email: henry@desert.com; debbie@desert.com

Site Location:

Lat: 32° 26.64' Long: 110 ° 57.88' Elevation: 2837" Dec10.97°

Feature I.D. 2015.01 Area I.D. E

Archaeological Guess Date: Rincon (Greg)

Basis for Guess Date: _____

Sample Description: Well prepared hearth. Lots of crushed gravel –

decomposed granite? Dark orange to 2 cm.

Feature Evaluation Scoring

Score	Factor	1	2	3	4	5
1	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
2	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
1	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
2	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
4	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

Number of features previously sampled by collector?

Hundreds

Compass Readings			Comments
1	209.5	210.0	
2	242.0	242.5	
3	272.0		
4	310.0		
5	6.0		
6	40.5		
7	198.0	198.5	
8	222.0	221.5	
9	264.5		
10	289.5		
11	350.0		
12	18.0		

Specimen Locations





ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-38
Collector: Jeff Eighmy Date: 1/3/07

Archaeologist Henry Wallace/Debbie Swartz

Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244
Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)
Email: henry@desert.com; debbie@desert.com

Site Location:

Lat: 32° 26.63' Long: 110 ° 57.86' Elevation: 2857" Dec10.97°

Feature I.D. 2041.01 Area I.D. E-4

Archaeological Guess Date: Rillito (Greg)

Basis for Guess Date: _____

Sample Description: Well prepared hearth. Still in good condition.

A few Small pieces of gravel. Dark orange to 2 cm.

Feature Evaluation Scoring

Score	Factor	1	2	3	4	5
1	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
2	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
1	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
1	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
1	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

Number of features previously sampled by collector?

Hundreds

	Compass Readings		Comments
1	354.5		Top loose
2	311.5		
3	273.5		
4	2.5		
5	312.5		
6	89.5		
7	19.5		
8	331.5		
9	289.0		
10	67.5		
11	343.5		
12	295.0	295.0	

Specimen Locations





ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-39
Collector: Jeff Eighmy/Tom Sapienza Date: 12/04/06

Archaeologist Henry Wallace/Debbie Swartz

Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244
Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)
Email: henry@desert.com; debbie@desert.com

Site Location:

Lat: 32° 26.63' Long: 110 ° 57.89' Elevation: 2869" Dec10.97°

Feature I.D. 2042.01 Area I.D. E-4

Archaeological Guess Date: A.D. 850 – 950 ????

Basis for Guess Date: Based on one sherd in scrapping

Sample Description: Remnant of prepared hearth. Orange to about

2 cm.

Feature Evaluation Scoring

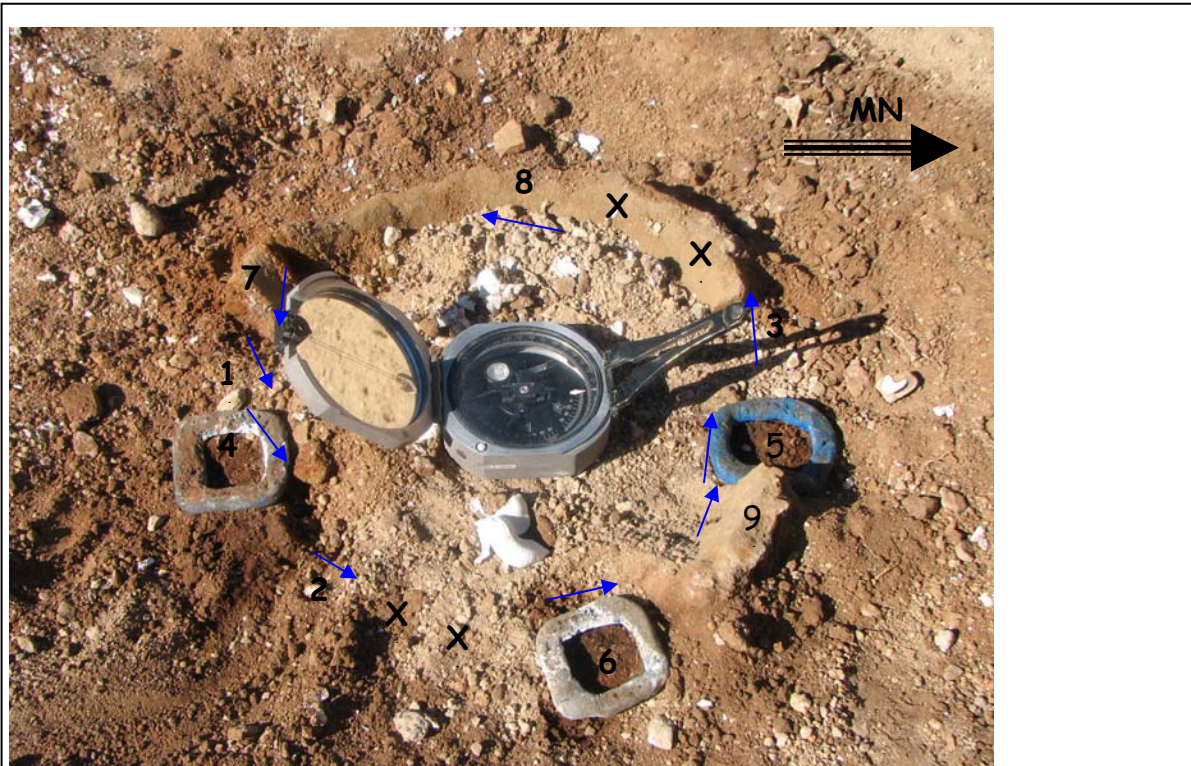
Score	Factor	1	2	3	4	5
2	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
2	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
1	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
2	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
1	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

Number of features previously sampled by collector?

Hundreds

	Compass Readings		Comments
1	88.0	87.5	
2	40.0		
3	269.0		
4	75.0		
5	285.5		
6	344.0	345.0	
7	109.5		
8	217.0	216.5	
9	298.5	299.5	
10			
11			
12			

Specimen Locations





ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-37
Collector: Jeff Eighmy Date: 1/2/07

Archaeologist Henry Wallace/Debbie Swartz
Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244
Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)
Email: henry@desert.com; debbie@desert.com

Site Location:

Lat: 32° 26.64' Long: 110 ° 57.8' Elevation: 2834" Dec10.97°

Feature I.D. 2080.01 Area I.D. E-1

Archaeological Guess Date: Canyon del Oro ca 700-750 (Greg)

Basis for Guess Date:

Sample Description: Remnant (south side) of a prepared hearth.

Badly cracked and broken up. I stayed away from obvious loose/turned

pieces, but hearth could be crushed down and I don't see it. Dark red

to about 2 cm. Small pebbles; roots. First sample at HB in shade, but it's

Jan!!!

Feature Evaluation Scoring

Score	Factor	1	2	3	4	5
1	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
2	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
5	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
3	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
2	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

Number of features previously sampled by collector?

Hundreds

	Compass Readings	Comments
1	27.5	Loose cap
2	62.0	Loose cap
3	288.5	
4	322.5	
5	355.5	
6	49.0	
7	264.0	
8	308.5	
9	334.0	
10		
11		
12		

Specimen Locations





Number of features previously sampled by collector?	Hundreds
---	----------

	Compass Readings		Comments
1	329.0		
2	353.5		
3	323.0		
4	277.5		
5	42.0		
6	17.0		
7	24.0		
8	336.0		
9	31.0		
10	22.0	21.5	
11	348.5	349.0	
12	314.0	314.5	This reading doesn't make much sense when I look at the field sketch. It seems more likely to be 14.0/14.5 than 314.0/314.5

Specimen Locations





ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-48
Collector: Jeff Eighmy Date: 1/26/07

Archaeologist Henry Wallace/Debbie Swartz
Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244
Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)
Email: henry@desert.com; debbie@desert.com

Site Location:

Lat: 32° 26.63' Long: 110° 58.11' Elevation: 2855' Dec: 10.97°

Feature I.D. 4014.01 Area I.D. W-1 Moore Rd

Archaeological Guess Date: 1100 - 1150

Basis for Guess Date: _____

Sample Description: Prepared hearth with most of rim and apron

gone. Some oxidation -- 1 cm. Cracked and lots of large pebbles.

Feature Evaluation Scoring

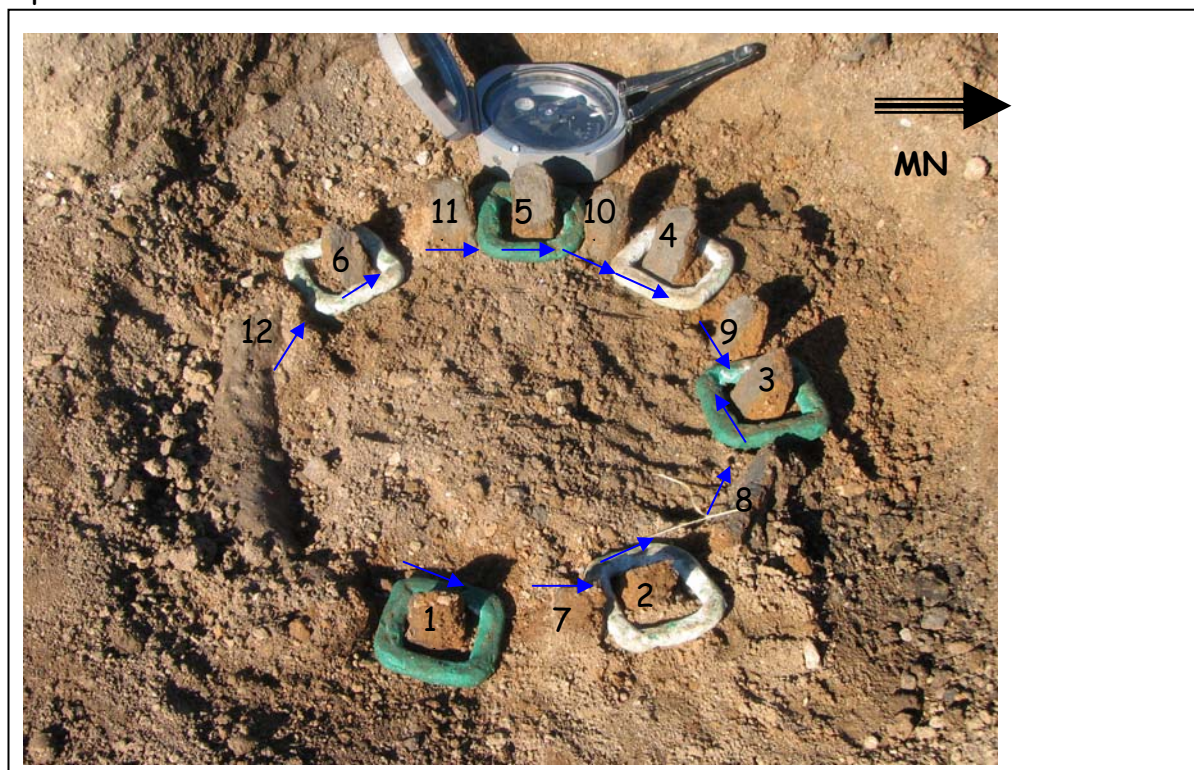
Score	Factor	1	2	3	4	5
2	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
2	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
2	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
2	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
3	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

Number of features previously sampled by collector?

Hundreds

	Compass Readings			Comments
	12.5	13.5	13.5	
1	347.5			Pedestal is off center.
2				
3	266.5			
4	44.5			
5	7.0			
6	335.0			
7	344.5	249.5	350.0	350.0
8	292.5			
9	76.5			
10	27.0	27.5		
11	359.5			
12	295.0	294.5		

Specimen Locations





ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-50
Collector: Jeff Eighmy Date: 1/29/07

Archaeologist	<u>Henry Wallace/Debbie Swartz</u>
Affiliation/	<u>Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244</u>
Address/	<u>520 490 6910 (Henry); 520 271 1773 (Debbie)</u>
Email:	<u>henry@desert.com; debbie@desert.com</u>

Site Location:

Lat: 32° 26.63' Long: 110° 58.12' Elevation: 2890' Dec: 10.97°

Feature I.D. 4015 (floor) Area I.D. W-1 Moore Rd

Archaeological Guess Date: 1100 - 1150

Basis for Guess Date: _____

Sample Description: What a mess. The floor is burned, but it

Probably doesn't have any clay in it. Looks like 0%. Dark black crust

chips off at the slightest touch. Gravelly, caliche underneath.

Feature Evaluation Scoring

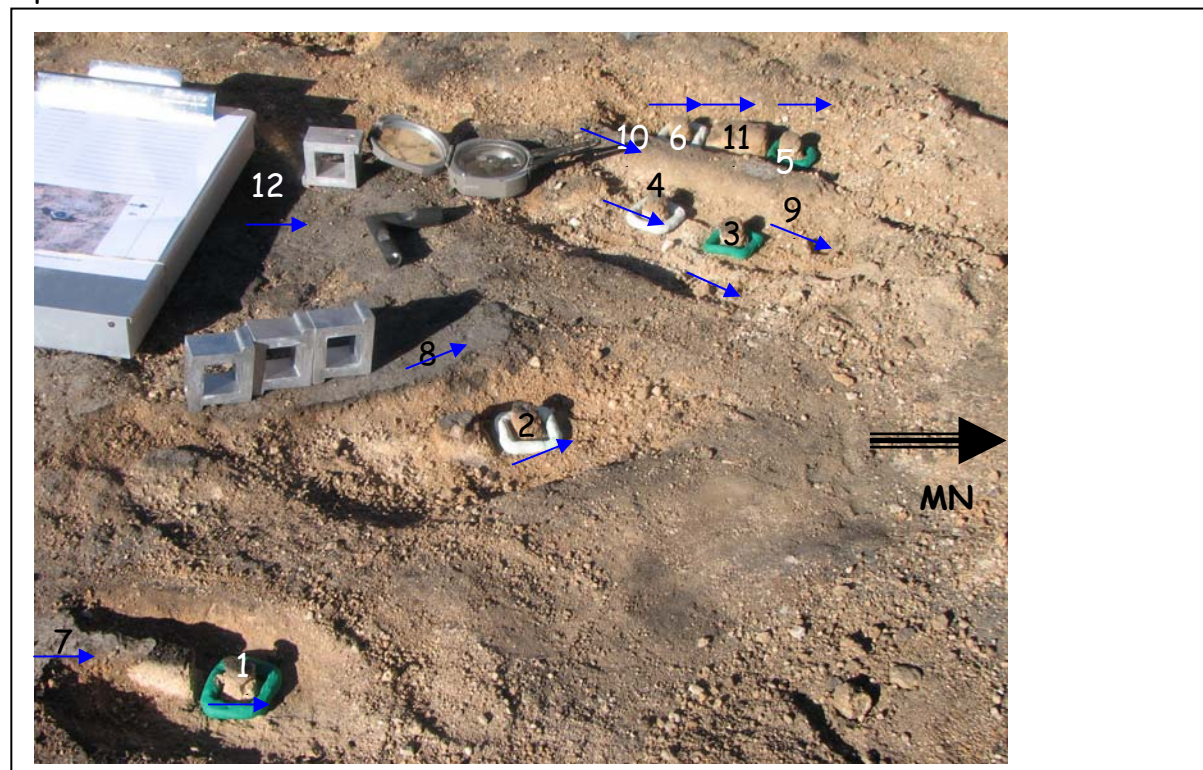
Score	Factor	1	2	3	4	5
4	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
4	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
3	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
4	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
3	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

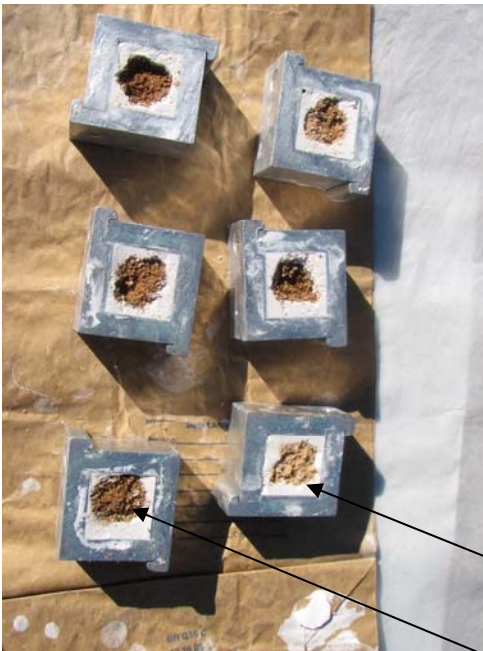
Number of features previously sampled by collector?

Hundreds

	Compass Readings		Comments
1	6.5		
2	336.0		
3	20.5		Hydrocal pushed over pedestal during pour.
4	25.5	25.0	
5	10.0		
6	14.5		
7	5.5	6.0	
8	338.5	337.5	337.5
9	18.0	17.5	
10	17.5	18.0	
11	13.5	14.0	
12	0.0	0.5	

Specimen Locations





Notice white, caliche-like material of matrix.
Dark color of some specimen bases are due to moisture.

ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-51
Collector: Jeff Eighmy Date: 1/29/07

Archaeologist Henry Wallace/Debbie Swartz

Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244
Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)
Email: henry@desert.com; debbie@desert.com

Site Location:

Lat: 32° 26.63' Long: 110° 58.12' Elevation: 2890' Dec: 10.97°

Feature I.D. 4015 (wall) Area I.D. W-1 Moore Rd

Archaeological Guess Date: 1100 - 1150

Basis for Guess Date: _____

Sample Description: Plastered wall. No orange oxidation.

Looks burned (black – 1 cm). Very little clay

Feature Evaluation Scoring

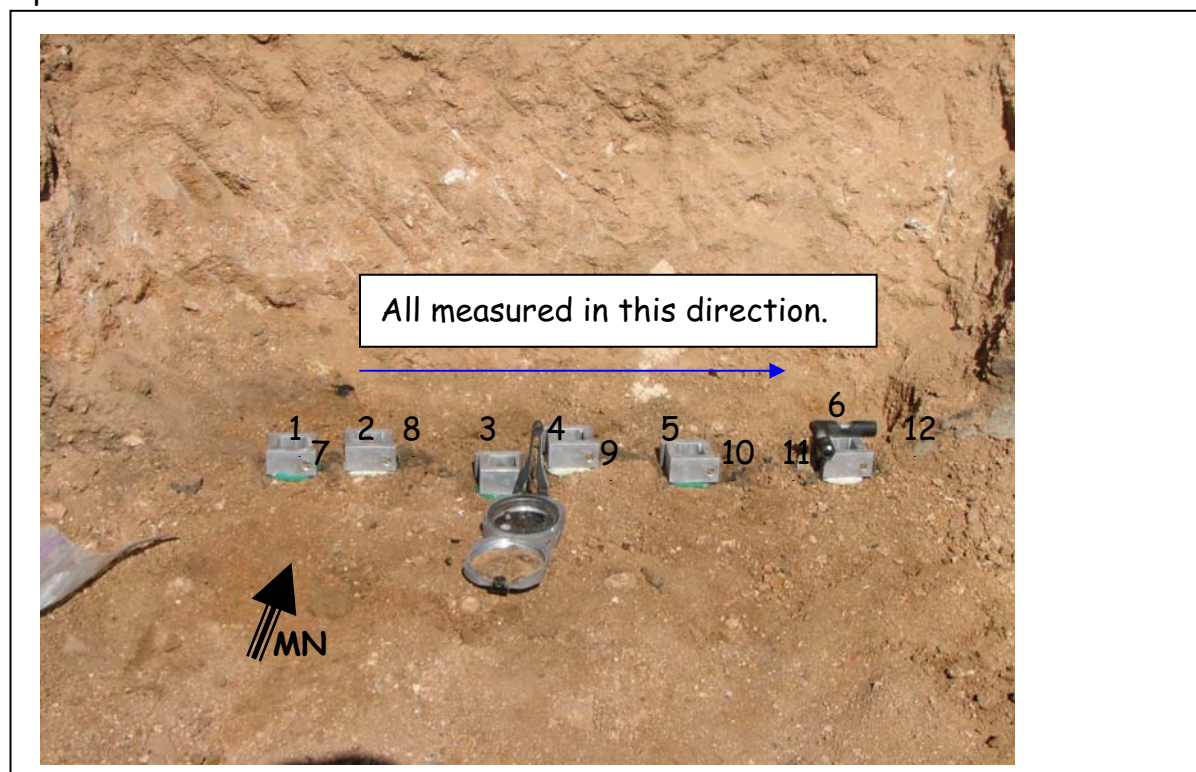
Score	Factor	1	2	3	4	5
4	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
3	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
2	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
2	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
1	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

Number of features previously sampled by collector?

Hundreds

	Compass Readings		Comments
1	82.0		
2	78.5		
3	76.5		Very thin. Just veneer.
4	76.5	77.0	
5	76.0		
6	73.5	74.0	
7	74.5		
8	74.5	75.0	
9	71.0		
10	72.5		
11	71.5	72.0	
12	68.5	69.0	

Specimen Locations





ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-49
Collector: Jeff Eighmy Date: 1/26/07

Archaeologist Henry Wallace/Debbie Swartz
Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244
Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)
Email: henry@desert.com; debbie@desert.com

Site Location:

Lat: 32° 26.63' Long: 110° 58.12' Elevation: 2875' Dec: 10.97°

Feature I.D. 4015.01 Area I.D. W-1 Moore Rd

Archaeological Guess Date: 1100 - 1150

Basis for Guess Date: _____

Sample Description: Base of prepared hearth. Very thick plaster. Very

little clay – silty and lots of large pebbles. Tough collection. Light oxidation. Rim/top of

hearth had a strong continuous horizontal crack around hearth. It looked remodeled and

unstable; so, I removed it and collected lower portion. Upon removal, upper portion didn't

look remodeled – just badly cracked. Forgot to take picture after isolating pedestals.


Pedestals unstable because I had to cut through plaster on front edge because I was
close to base.

Feature Evaluation Scoring

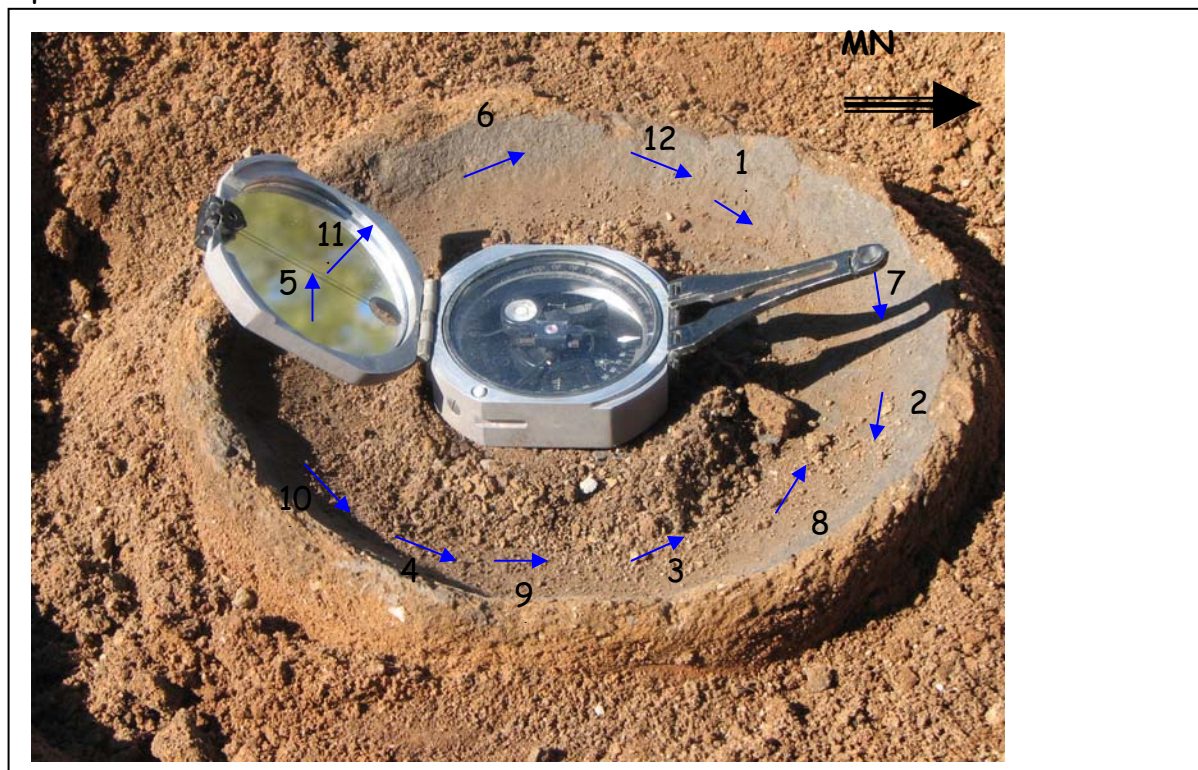
Score	Factor	1	2	3	4	5
2	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
3	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
2	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
3	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
2	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

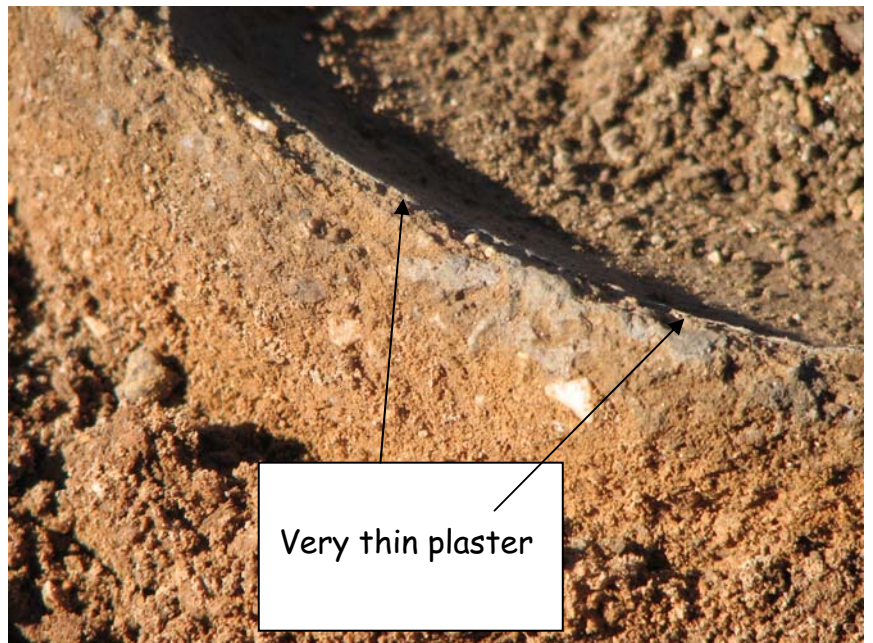
Number of features previously sampled by collector?

Hundreds

Compass Readings			Comments	
	48.0		All pedestals shaky as silty matrix dried out.	
1	115.5	116.0		
2	355.0	356.0		
3	33.5	34.0		
4	269.5	269.0		
5	325.5	325.0		
6	267.5	88.0		88.5
7	317.0	317.5		Very loose
8	359.5			
9	75.5			Piece fell off
10	300.0			
11				
12	20.5			

Specimen Locations





ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-46
Collector: Jeff Eighmy Date: 1/24/07

Archaeologist Henry Wallace/Debbie Swartz
Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244
Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)
Email: henry@desert.com; debbie@desert.com

Site Location:

Lat: 32° 26.64' Long: 110° 58.11' Elevation: 2855" Dec10.97°

Feature I.D. 4020.01 Area I.D. W-1 Moore Rd

Archaeological Guess Date: 1100 - 1150

Basis for Guess Date: _____

Sample Description: Prepared hearth. Rim in good shape.

Oxidation (orange) between 1 and 2 cm. There is a fence about 4 meters

to west. But I can't tell that it is doing anything to the compass.

Feature Evaluation Scoring

Score	Factor	1	2	3	4	5
1	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
2	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
1	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
1	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
1	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

Number of features previously sampled by collector?

Hundreds

	Compass Readings		Comments
1	104.5		
2	45.0		
3	0.0		
4	319.0		
5	279.5		
6	253.5		
7	63.5		
8	8.5		
9	343.0		
10	307.0		
11	270.5	271.0	
12	224.0		Broke off; replaced

Specimen Locations





ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-63
Collector: Jeff Eighmy Date: 4/28/07

Archaeologist Henry Wallace/Debbie Swartz

Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244
Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)
Email: henry@desert.com; debbie@desert.com

Site Location:

Lat: 32° 27.70' Long: 110° 58.11' Elevation: 2856' Dec: 10.97°

Feature I.D. 5002.01 Area I.D. N-1

Archaeological Guess Date: _____

Basis for Guess Date: _____

Sample Description: Badly disturbed hearth. West half and base look

crushed down. Thick coping. Oxidized light orange 1-2 cm. Dug into

caliche on southeast side and fill on south side.

Feature Evaluation Scoring

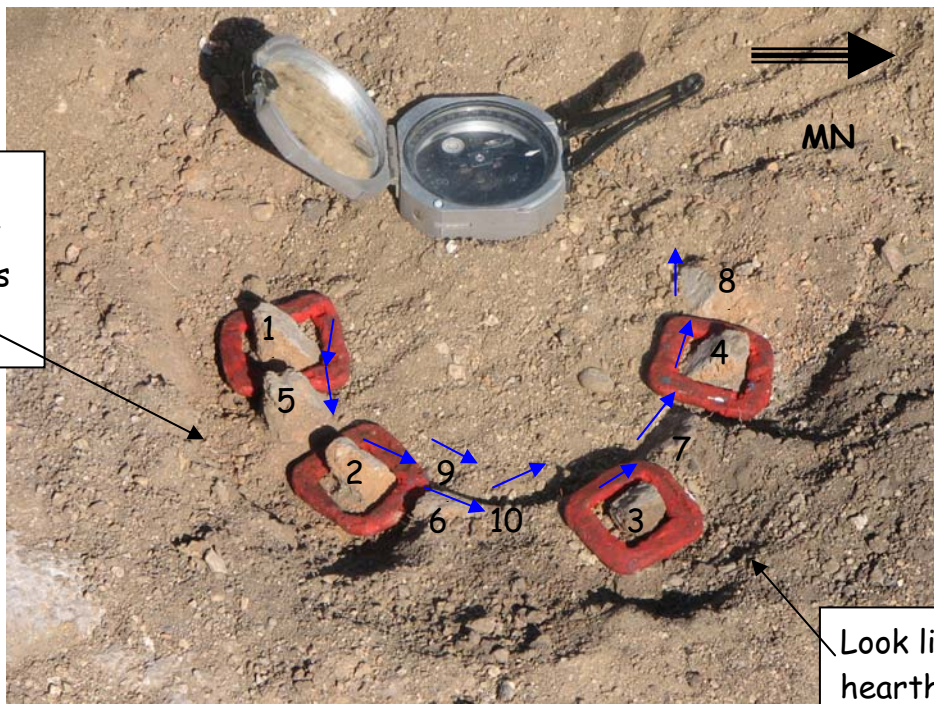
Score	Factor	1	2	3	4	5
2	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
2	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
4	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
2	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
2	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

Number of features previously sampled by collector?

Hundreds

	Compass Readings		Comments
1	95.0	95.5	
2	61.0	60.5	
3	336.5		Floating on caliche; very short.
4	296.5	297.0	
5	81.5		
6	43.0	42.5	Short
7	318.0	318.5	Short
8	276.5	276.0	
9	46.5		Short
10	347.0	348.5 348.5	Very loose; floating
11			
12			

Specimen Locations



Look like
hearth built
in fill on this
side.

Look like
hearth built
in caliche on
this side.



Looks
crushed
down



ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-61
Collector: Jeff Eighmy Date: 4/25/07

Archaeologist Henry Wallace/Debbie Swartz

Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244
Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)
Email: henry@desert.com; debbie@desert.com

Site Location:

Lat: 32° 27.70' Long: 110° 58.12' Elevation: 2915' Dec: 10.97°

Feature I.D. 5007.01 Area I.D. N-1

Archaeological Guess Date: _____

Basis for Guess Date: _____

Sample Description: Badly disturbed, prepared hearth. Most of rim
gone. I'm taking the remaining portion of the sides. Oxidized (1-2 cm) but
soft. Potsherd under rim.

Feature Evaluation Scoring

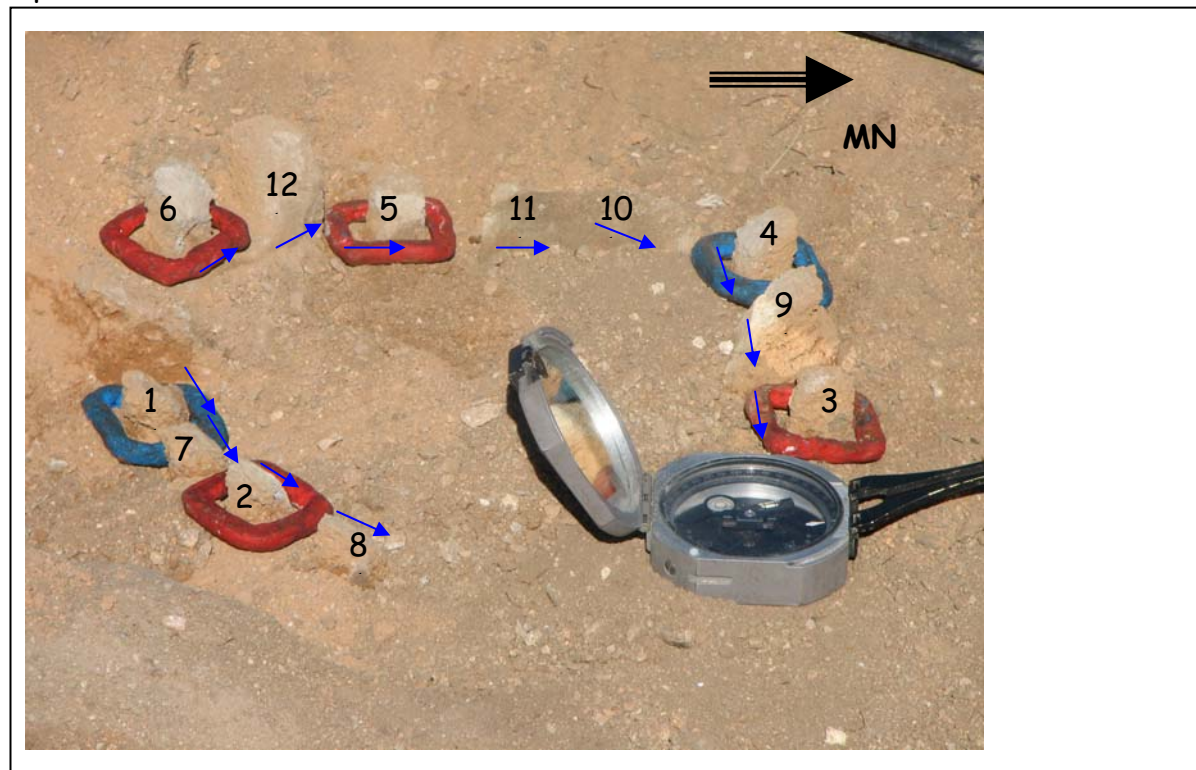
Score	Factor	1	2	3	4	5
2	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
3	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
3	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
2	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
3	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

Number of features previously sampled by collector?

Hundreds

Compass Readings			Comments
	75.0		
1			
	40.5	41.0	
2			
	79.0		
3			
	71.0		
4			
	346.5		
5			
	309.0	308.5	
6			
	56.0		
7			
	20.0		
8			
	72.0		
9			
	42.0		More solid; more clay
10			More solid; more clay
	20.5		
11			
	315.0		
12			

Specimen Locations





ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-72
Collector: Jeff Eighmy Date: 5/13/07

Archaeologist Henry Wallace/Debbie Swartz

Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244
Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)
Email: henry@desert.com; debbie@desert.com

Site Location:

Lat: 32° 26.66' Long: 110° 58.12' Elevation: 2863' Dec: 10.97°

Feature I.D. 5021(south wall) Area I.D. N-2

Archaeological Guess Date: _____

Basis for Guess Date: _____

Sample Description: Thin, burned plaster on wall. Dark crust.

~~Thin, 0.5 cm, color change on some parts.~~

Feature Evaluation Scoring

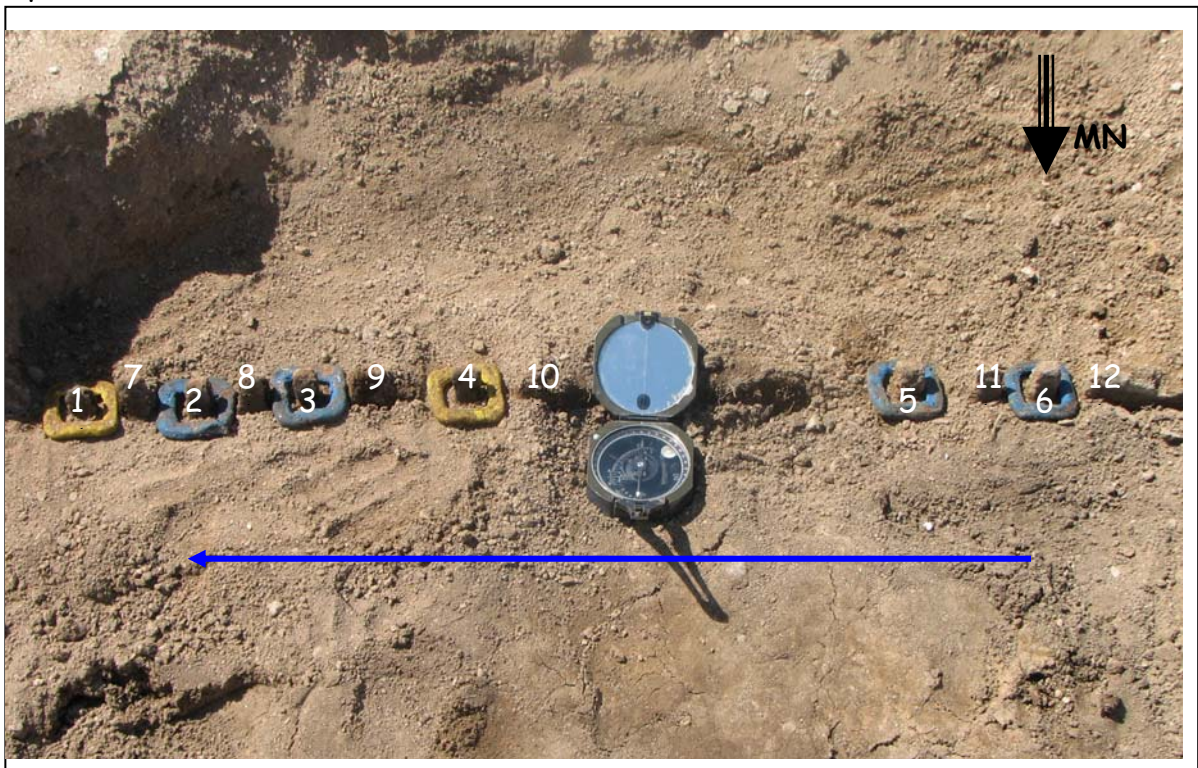
Score	Factor	1	2	3	4	5
3	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
2	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
2	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
2	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
1	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

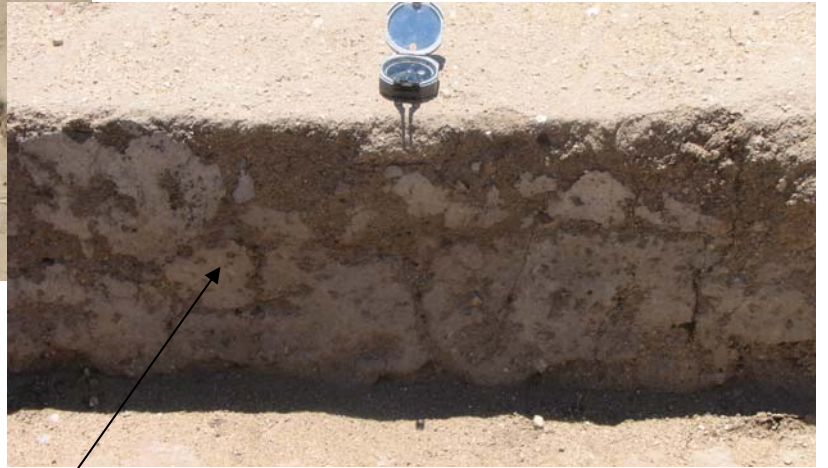
Number of features previously sampled by collector?

Hundreds

	Compass Readings		Comments
1	75.5		
2	80.5		
3	80.0		
4	76.0		
5	81.5		Not as well fired – no evidence of color change
6	80.0	79.5	Not as well fired – no evidence of color change
7	82.5	83.0	
8	81.5		
9	82.5	82.0	
10	80.5		
11	81.5		Not as well fired – no evidence of color change
12	83.5		Not as well fired – no evidence of color change

Specimen Locations





ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-71
Collector: Jeff Eighmy Date: 5/13/07

Archaeologist Henry Wallace/Debbie Swartz
Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244
Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)
Email: henry@desert.com; debbie@desert.com

Site Location:

Lat: 32° 26.66' Long: 110° 58.12' Elevation: 2863' Dec: 10.97°

Feature I.D. 5021.01 Area I.D. N-2

Archaeological Guess Date: _____

Basis for Guess Date: _____

Sample Description: Prepared hearth in coarse sand. Very dark

~~orange. But everything here is orange. Roots.~~

Feature Evaluation Scoring

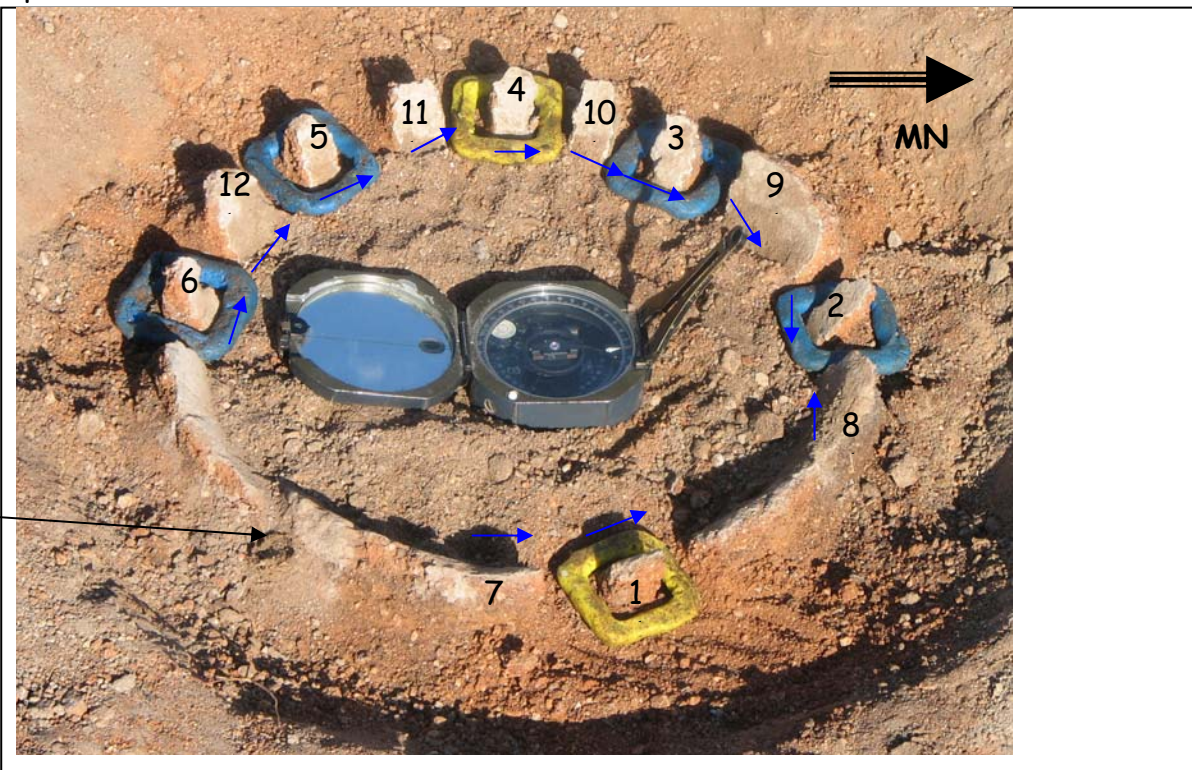
Score	Factor	1	2	3	4	5
1	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
2	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
2	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
2	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
2	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

Number of features previously sampled by collector?

Hundreds

	Compass Readings		Comments
1	334.5	335.0	
2	79.0	80.0	
3	31.0		Large quartz rock in base.
4	4.5		
5	324.0	324.5	
6	285.5		
7	357.0	356.5	
8	277.5		
9	43.5		
10	26.5		
11	339.5		
12	315.0		Piece washed off during pour

Specimen Locations





ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-65
Collector: Jeff Eighmy Date: 5/3/07

Archaeologist Henry Wallace/Debbie Swartz
Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244
Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)
Email: henry@desert.com; debbie@desert.com

Site Location:

Lat: 32° 26.69' Long: 110° 58.12' Elevation: 2841' Dec: 10.97°

Feature I.D. 5026.01 Area I.D. N-1

Archaeological Guess Date: _____

Basis for Guess Date: _____

Sample Description: Prepared hearth. Well oxidized.

~~Some rocks. Gravelly matrix~~

Feature Evaluation Scoring

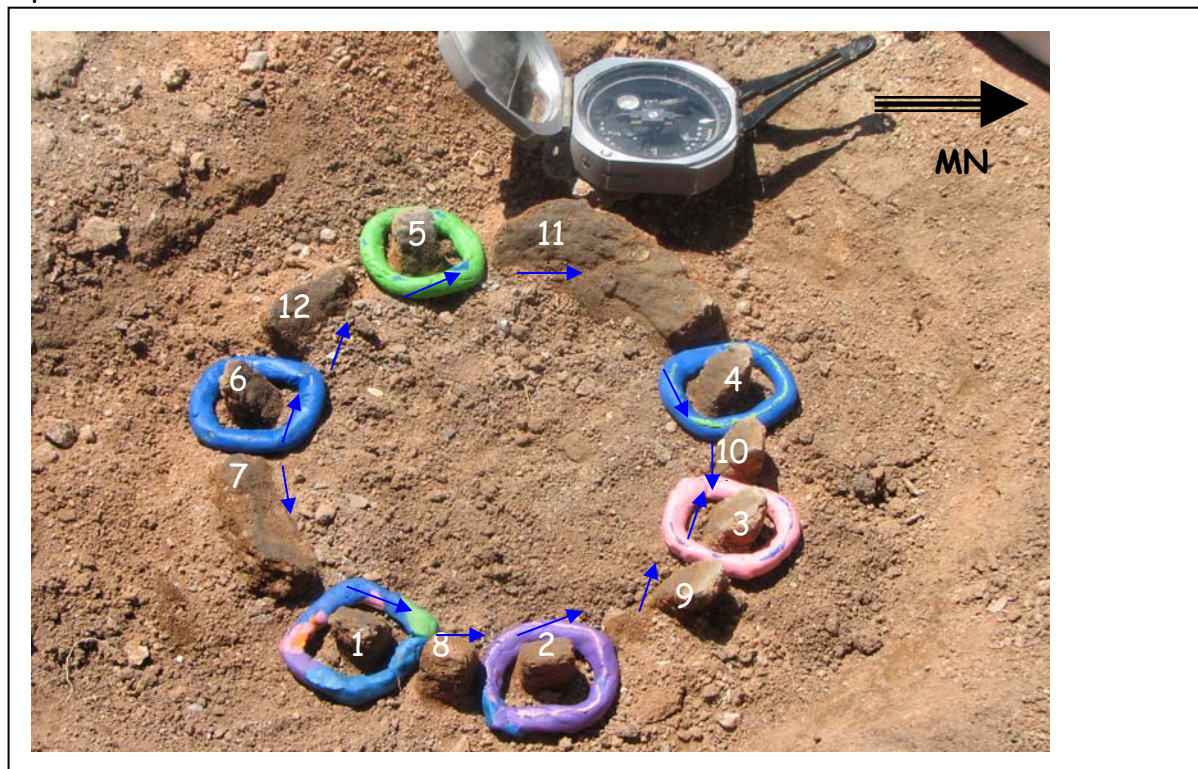
Score	Factor	1	2	3	4	5
1	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
2	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
1	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
1	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
2	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

Number of features previously sampled by collector?

Hundreds

	Compass Readings		Comments
1	<u>27.5</u>		
2	<u>347.0</u>	<u>347.5</u>	
3	<u>284.5</u>		Lost lots of pedestal to large rock in base.
4	<u>64.5</u>		
5	<u>337.0</u>		
6	<u>282.5</u>	<u>282.0</u>	
7	<u>71.5</u>		
8	<u>41.5</u>	<u>16.5</u>	<u>16.5</u>
9	<u>298.0</u>		
10	<u>91.5</u>		
11	<u>17.5</u>		
12	<u>300.5</u>	<u>300.0</u>	

Specimen Locations





ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-53
Collector: Jeff Eighmy Date: 4/13/07

Archaeologist Henry Wallace/Debbie Swartz
Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244
Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)
Email: henry@desert.com; debbie@desert.com

Site Location:

Lat: 32° 26.72' Long: 110° 58.12' Elevation: 2887' Dec: 10.97°

Feature I.D. 5028.01 Area I.D. N-1

Archaeological Guess Date: _____

Basis for Guess Date: _____

Sample Description: Prepared hearth with a thin, soft crust. Orange

subsoil; darker orange oxidation to about 1 cm. Pebbles throughout.

Feature Evaluation Scoring

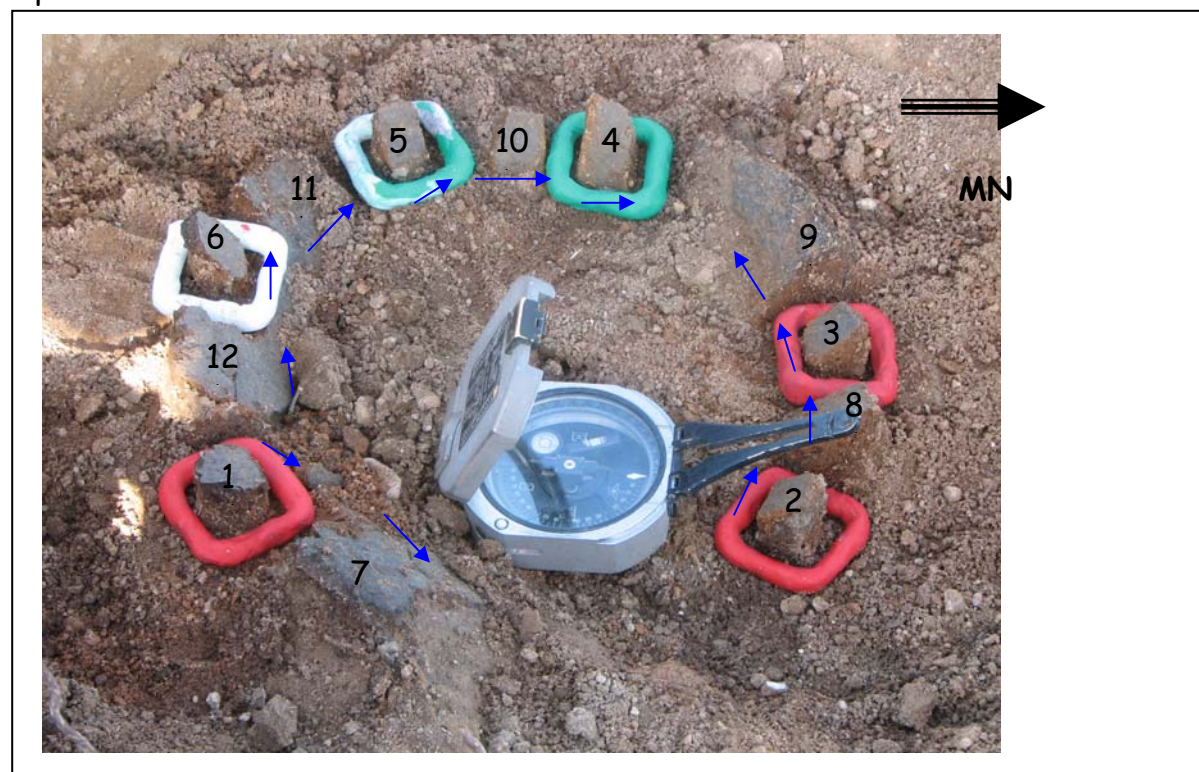
Score	Factor	1	2	3	4	5
3	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
4	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
3	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
3	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
2	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

Number of features previously sampled by collector?

Hundreds

	Compass Readings		Comments
	52.5	52.0	
1	295.0		Pedestal loose; replaced
2	258.5		
3	3.0		crust came off; replaced
4	325.0	325.5	
5	271.0		
6	34.5	35.0	
7	264.0		
8	251.5		crust may be gone
9	353.5		
10	294.0		crust may be gone
11	257.0	256.5	
12			

Specimen Locations





Partially excavated.
Hearth against wall of
unexcavated portion.
I caved wall in to get
to south side of
hearth.



ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-76
Collector: Jeff Eighmy Date: 5/19/07

Archaeologist Henry Wallace/Debbie Swartz

Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244
Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)
Email: henry@desert.com; debbie@desert.com

Site Location:

Lat: 32° 26.64' Long: 110° 58.13' Elevation: 2864' Dec: 10.97°

Feature I.D. 5083.01 Area I.D. N-2

Archaeological Guess Date: _____

Basis for Guess Date: _____

Sample Description: Small prepared hearth. Cut by trench.

~~Distinct color change - to light orange - 1 cm. Thin crust and soft~~

sand in a little clay.

Feature Evaluation Scoring

Score	Factor	1	2	3	4	5
2	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
3	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
1	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
2	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
1	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

Number of features previously sampled by collector?

Hundreds



ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-68
Collector: Jeff Eighmy Date: 5/8/07

Archaeologist Henry Wallace/Debbie Swartz

Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244
Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)
Email: henry@desert.com; debbie@desert.com

Site Location:

Lat: 32° 26.66' Long: 110° 58.13' Elevation: 2855' Dec: 10.97°

Feature I.D. 5087 Area I.D. N-2

Archaeological Guess Date: _____

Basis for Guess Date: _____

Sample Description: Horno. I stayed away from black, crusty

~~surfaces because I have not had good luck with this material in the~~

past. Collecting near top in light orange area. Coarse sand. Soft.

some roots.

Feature Evaluation Scoring

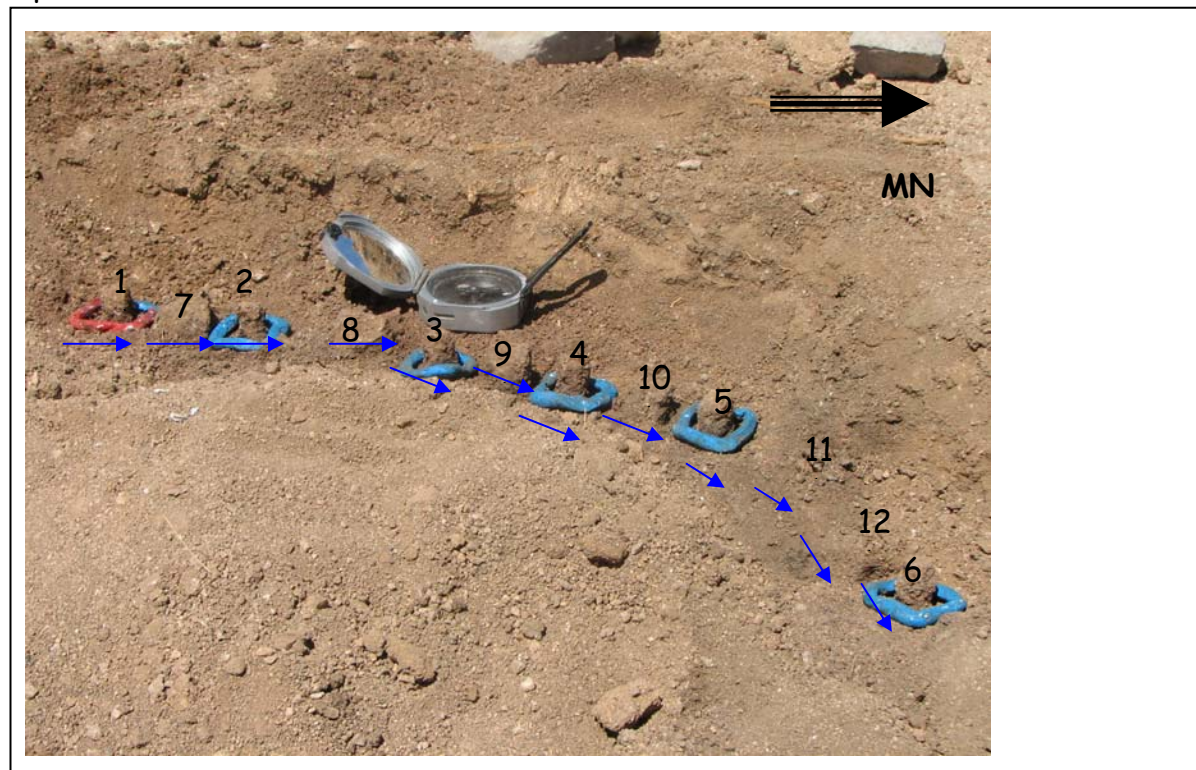
Score	Factor	1	2	3	4	5
4	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
3	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
2	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
3	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
3	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

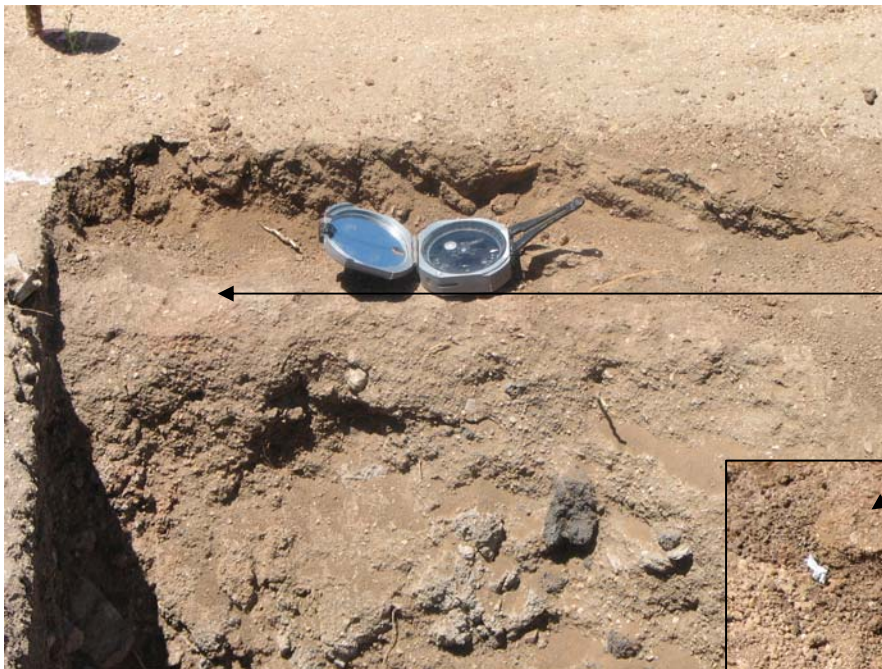
Number of features previously sampled by collector?

Hundreds

	Compass Readings		Comments
	6.5	6.0	
1	7.0		
2	10.0		
3	20.5		
4	28.0	27.5	Part of pedestal washed off during pour.
5	50.0		
6	1.5	1.0	
7	13.5		
8	18.5		
9	25.0	24.5	
10	37.0		
11	50.0		
12			

Specimen Locations





Slight orange color change



I backfilled this dirt for collecting ease.

Face of horno

ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-69
Collector: Jeff Eighmy Date: 5/9/07

Archaeologist Henry Wallace/Debbie Swartz

Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244
Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)
Email: henry@desert.com; debbie@desert.com

Site Location:

Lat: 32° 26.66' Long: 110° 58.13' Elevation: 2869' Dec: 10.97°

Feature I.D. 5089.01 Area I.D. N-2

Archaeological Guess Date: _____

Basis for Guess Date: _____

Sample Description: Prepared hearth w/ sloping walls – no vertical

section. Very coarse sand. Oxidized dark orange. Collecting midway

between house floor and base – no real rim/floor juncture. Caliche

everywhere under hearth.

Feature Evaluation Scoring

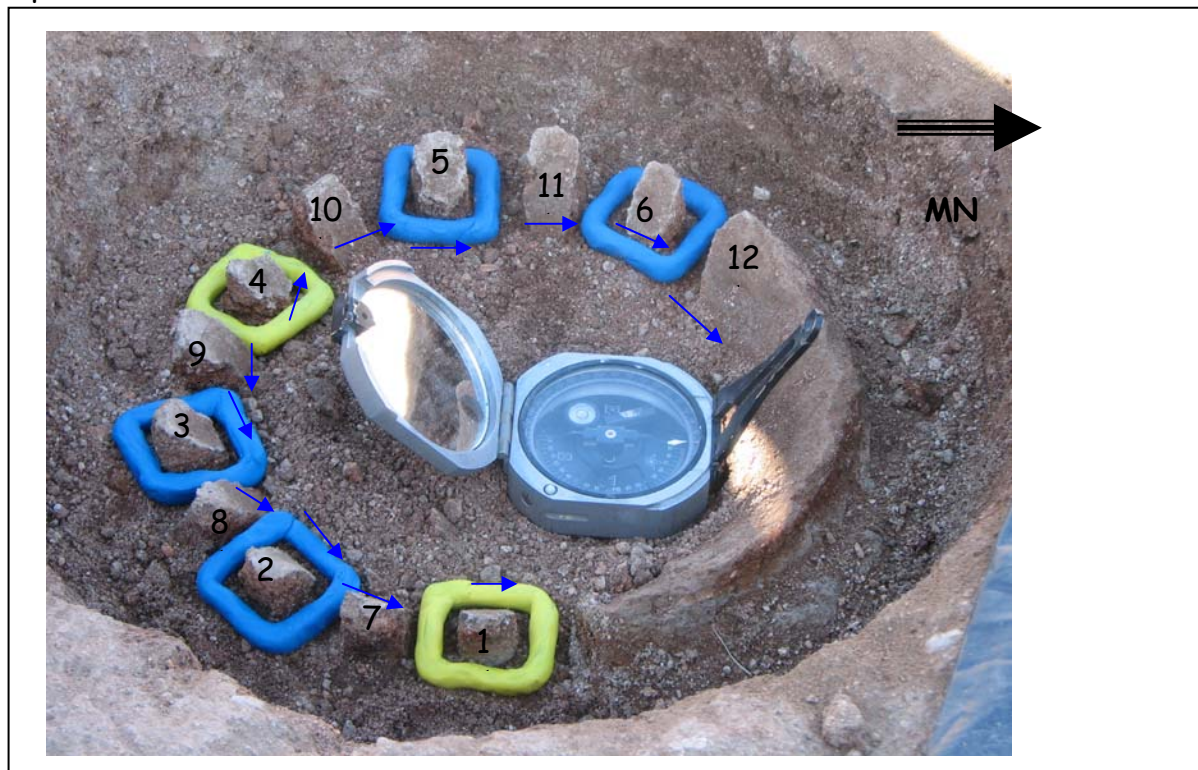
Score	Factor	1	2	3	4	5
2	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
2	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
2	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
2	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
2	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

Number of features previously sampled by collector?

Hundreds

	Compass Readings		Comments
1	355.0		
2	36.5		
3	68.5		
4	298.5		Short and loose
5	354.5		
6	32.0		Mold maybe pushing pedestal.
7	18.5		
8	57.5	57.0	
9	88.0	88.5	
10	319.0	318.5	
11	4.0		
12	43.5	44.0	

Specimen Locations





Base of specimen #2
Oxidation
Caliche
Dark crust
Coarse sand matrix

ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-70
Collector: Jeff Eighmy Date: 5/9/07

Archaeologist Henry Wallace/Debbie Swartz
Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244
Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)
Email: henry@desert.com; debbie@desert.com

Site Location:

Lat: 32° 26.65' Long: 110° 58.13' Elevation: 2864' Dec: 10.97°

Feature I.D. 5093.01 Area I.D. N-2

Archaeological Guess Date: _____

Basis for Guess Date: _____

Sample Description: Gravelly hearth - Prepared?

~~Matrix either soft orange, cemented coarse sand or dark hard crust~~

no oxidation.

Soft orange matrix may not be oxidized.

Feature Evaluation Scoring

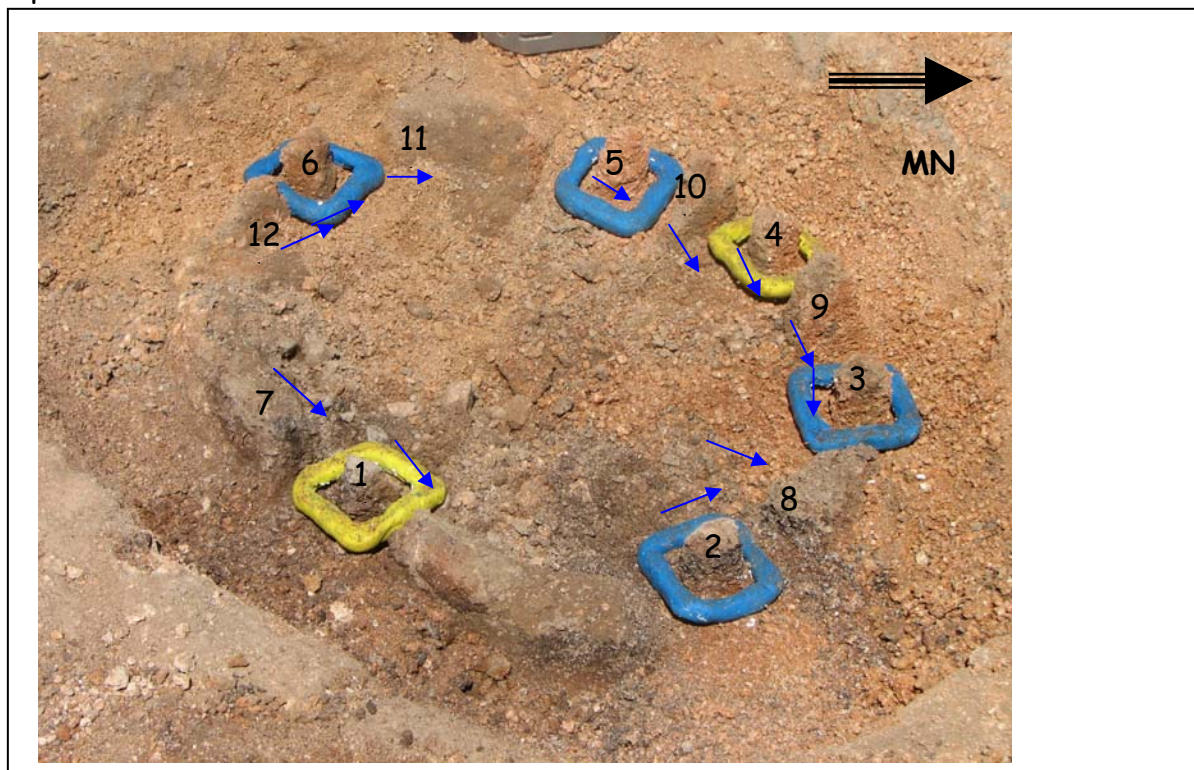
Score	Factor	1	2	3	4	5
4	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
3	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
3	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
3	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
3	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

Number of features previously sampled by collector?

Hundreds

	Compass Readings		Comments
1	56.5		Black, crusty area
2	341.0	340.0	Black, crusty area
3	94.0		Orange, coarse sand
4	66.5		Orange, coarse sand
5	41.0		Orange, coarse sand
6	315.0	314.5	Coarse sand or caliche
7	73.5	73.0	Black dirt
8	52.5	52.0	Black, crusty dirt . Reading doesn't look right? Maybe 352???
9	73.5		Orange, coarse sand
10	62.0		Orange, coarse sand
11	351.5		Orange sand or caliche
12	314.0		Orange sand or caliche

Specimen Locations





ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-67
Collector: Jeff Eighmy Date: 5/8/07

Archaeologist Henry Wallace/Debbie Swartz

Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244
Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)
Email: henry@desert.com; debbie@desert.com

Site Location:

Lat: 32° 26.68' Long: 110° 58.12' Elevation: 2824' Dec: 10.97°

Feature I.D. 5123.01 Area I.D. N-2

Archaeological Guess Date: _____

Basis for Guess Date: _____

Sample Description: Remnant of hearth - seems to be dug into fill.

~~A few hard, clay patches, which I am collecting. Very soft. Dark~~

~~fill soil - slight color change to dark orange. Silty. Collecting near~~

~~base; rim gone.~~

Feature Evaluation Scoring

Score	Factor	1	2	3	4	5
3	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
2	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
3	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
3	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
3	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

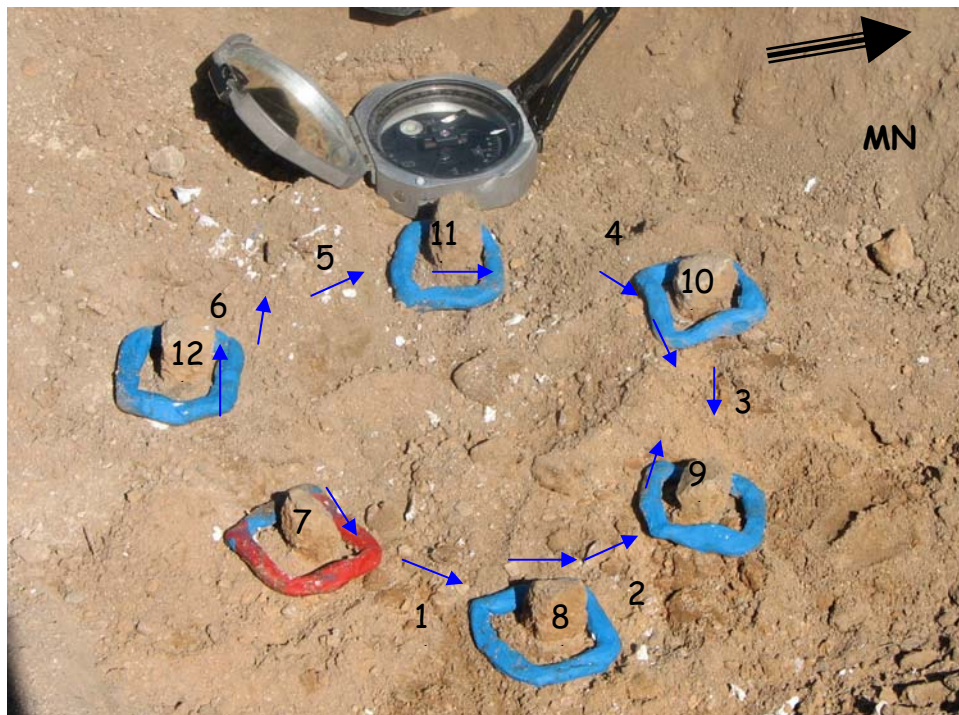
Number of features previously sampled by collector?

Hundreds

	Compass Readings		Comments
1	27.0		Loose
2	327.5		Hardest of 1 st six.
3	85.0	84.5	
4	41.5		
5	310.5	310.0	
6	266.5	267.5	
7	69.5		Harder area
8	359.0		Harder area
9	294.5		Loose
10	80.0		
11	11.5		
12	286.5		

Picture
taken
of 7
thro 12

Specimen Locations





ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-66
Collector: Jeff Eighmy Date: 5/4/07

Archaeologist Henry Wallace/Debbie Swartz

Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244
Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)
Email: henry@desert.com; debbie@desert.com

Site Location:

Lat: 32° 26.68' Long: 110° 58.3' Elevation: 2870' Dec: 10.97°

Feature I.D. 5124.01 Area I.D. N-2

Archaeological Guess Date: _____

Basis for Guess Date: _____

Sample Description: Based of prepared hearth (?). Could be just

~~A prepared saucer shaped, clay plate. Oxidized orange about 2 cm.~~

No evidence of remodeling.

Feature Evaluation Scoring

Score	Factor	1	2	3	4	5
1	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
1	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
1	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
1	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
2	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

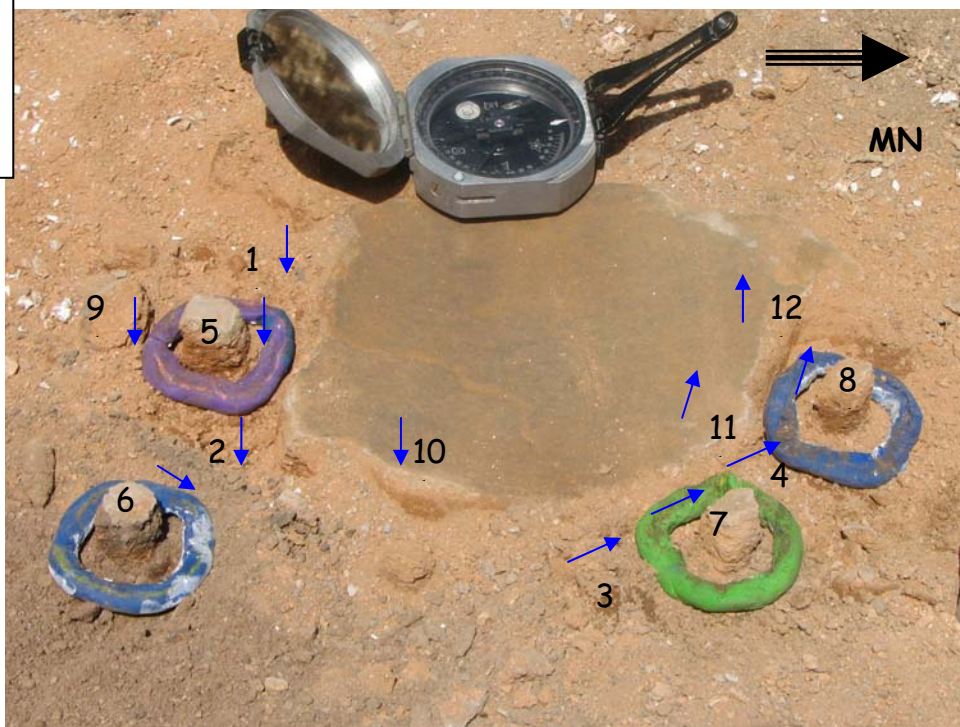
Number of features previously sampled by collector?

Hundreds

	Compass Readings		Comments
	108.0		Floating
1			
	102.0		Floating
2			
	345.0		Floating; completely loose
3			
	330.5		Floating
4			
Picture taken of 5 thro 8	113.5		
	60.0		
	337.0		
	305.0	304.5	
8			
9	105.0		
10	102.0		
11	310.0		May have twisted.
12	304.5	304.0	

Specimen Locations

Hearth undercut under compass





ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-56
Collector: Jeff Eighmy Date: 4/14/07

Archaeologist Henry Wallace/Debbie Swartz

Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244
Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)
Email: henry@desert.com; debbie@desert.com

Site Location:

Lat: 32° 26.67' Long: 110° 58.12' Elevation: 2859' Dec: 10.97°

Feature I.D. 5150.01 Area I.D. N-2

Archaeological Guess Date: _____

Basis for Guess Date: _____

Sample Description: Nicely prepared hearth. Good condition.

Thoroughly oxidized – 2 cm. Clay-sized dust evident as I was preparing to

wet it down. But it is soft!!

Feature Evaluation Scoring

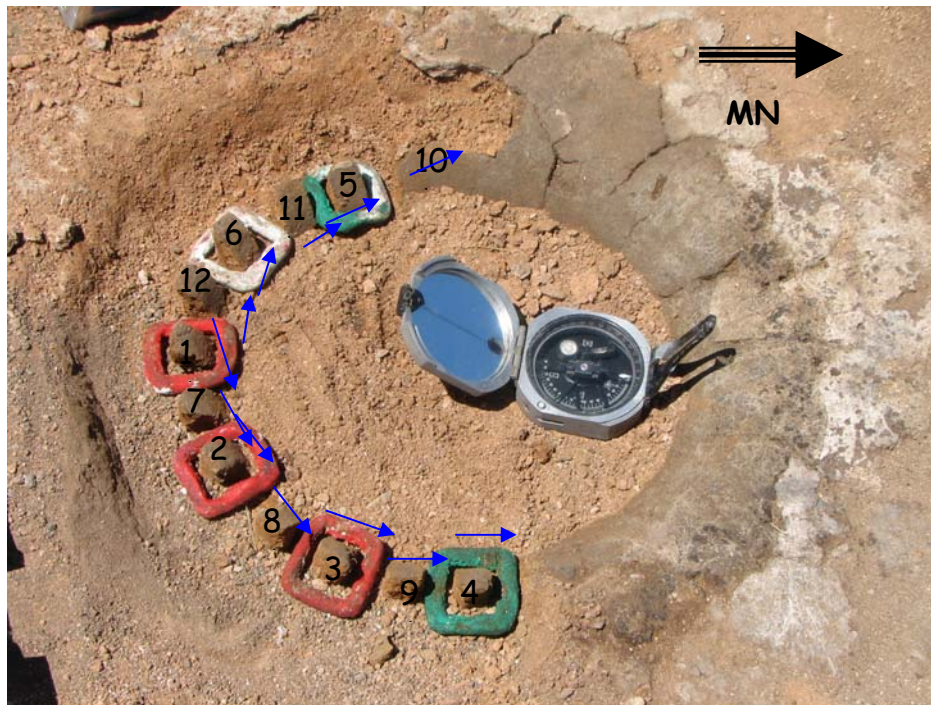
Score	Factor	1	2	3	4	5
1	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
3	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
1	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
1	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
1	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

Number of features previously sampled by collector?

Hundreds

	Compass Readings		Comments
1	75.5		
2	47.5		
3	16.5		
4	350.5		
5	327.0		
6	297.0		
7	59.5		Toppled over - replaced
8	31.0		Piece loose during pour.
9	358.0	357.5	
10	339.0		
11	312.5		
12	281.5		

Specimen Locations





ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-60
Collector: Jeff Eighmy Date: 4/21/07

Archaeologist Henry Wallace/Debbie Swartz

Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244
Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)
Email: henry@desert.com; debbie@desert.com

Site Location:

Lat: 32° 26.64' Long: 110° 58.12' Elevation: 2853' Dec: 10.97°

Feature I.D. 5158.01 Area I.D. N-2

Archaeological Guess Date: _____

Basis for Guess Date: _____

Sample Description: Prepared hearth in gravelly soil matrix.

Rim mostly gone. Dark oxidation – 1 cm. Stange gravelly-like soil.

Decomposing granite?

Feature Evaluation Scoring

Score	Factor	1	2	3	4	5
2	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
3	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
2	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
1	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
2	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

Number of features previously sampled by collector?

Hundreds

	Compass Readings		Comments
1	83.5		
2	52.0		
3	15.0	14.5	
4	8.5		
5	324.0	323.5	
6	299.0	298.5	
7	56.5		
8	42.0	41.5	
9	357.5		
10	354.5	354.0	
11	311.5	312.0	
12	283.0		

Specimen Locations





ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-55
Collector: Jeff Eighmy Date: 4/14/07

Archaeologist Henry Wallace/Debbie Swartz

Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244
Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)
Email: henry@desert.com; debbie@desert.com

Site Location:

Lat: 32° 26.70' Long: 110° 58.10' Elevation: 2855' Dec: 10.97°

Feature I.D. 5170.01 Area I.D. N-1

Archaeological Guess Date: _____

Basis for Guess Date: _____

Sample Description: Very nicely prepared hearth. In good condition.

Very hard. Several large pebbles. 2-saw blade hearth. Oxidized dark

orange – 2 cm.

Feature Evaluation Scoring

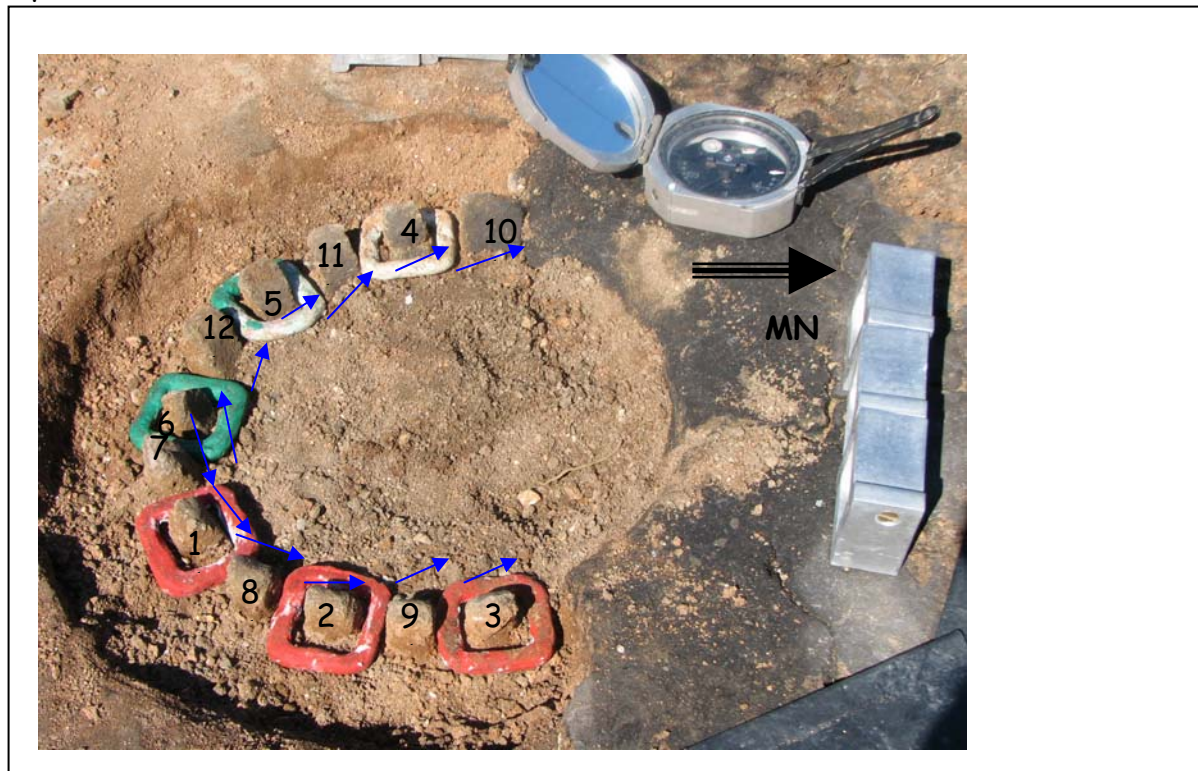
Score	Factor	1	2	3	4	5
1	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
1	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
1	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
1	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
2	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

Number of features previously sampled by collector?

Hundreds

	Compass Readings		Comments
1	39.5		
2	358.0	358.5	
3	339.5	339.0	
4	332.0		
5	299.5	300.0	
6	266.5		
7	56.0		
8	20.0		
9	340.5		
10	336.0		
11	321.0		Broken top; loose; replaced.
12	287.5	288.0	Toppled; replaced.

Specimen Locations





ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-73
Collector: Jeff Eighmy Date: 5/17/07

Archaeologist Henry Wallace/Debbie Swartz
Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244
Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)
Email: henry@desert.com; debbie@desert.com

Site Location:

Lat: 32° 26.66' Long: 110° 58.12' Elevation: 2869' Dec: 10.97°

Feature I.D. 5189.01 Area I.D. N-2

Archaeological Guess Date: _____

Basis for Guess Date: _____

Sample Description: Prepared hearth. Looks well oxidized; orange

~~color change - 1-2 cm. Thin crust, though. Not hard. Some rocks.~~

Feature Evaluation Scoring

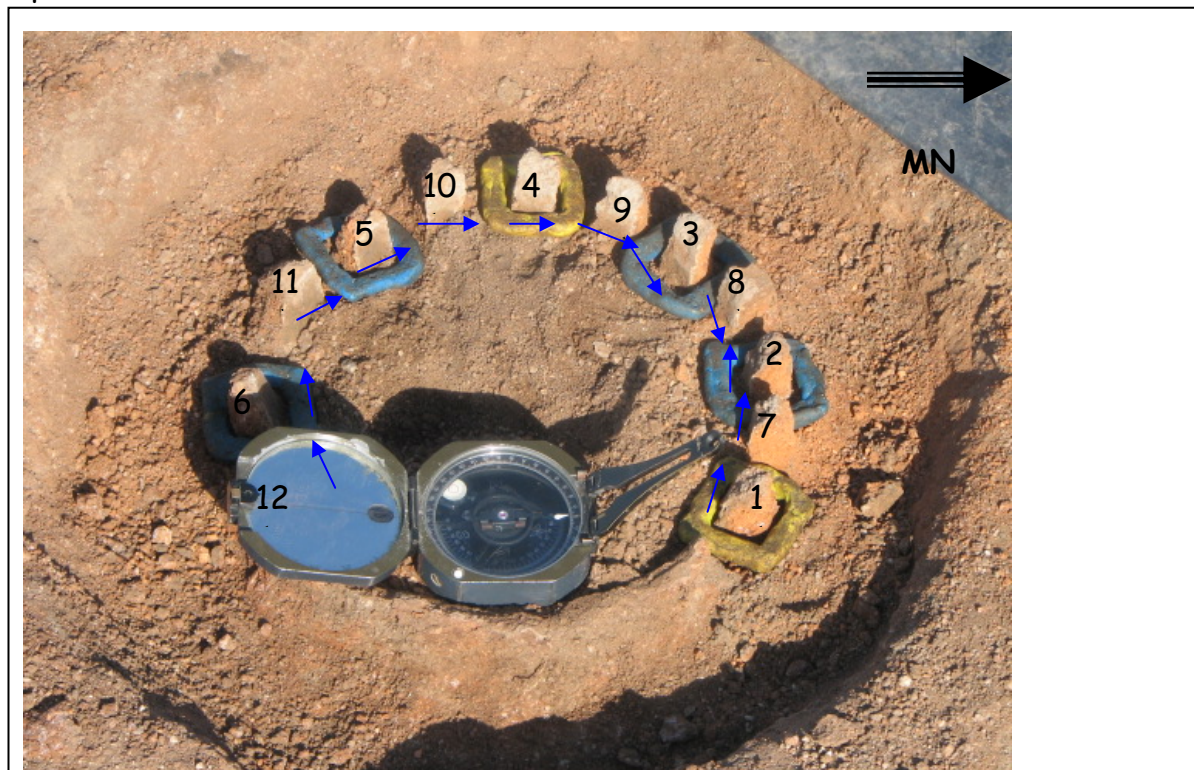
Score	Factor	1	2	3	4	5
1	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
2	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
1	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
2	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
2	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

Number of features previously sampled by collector?

Hundreds

	Compass Readings		Comments
1	301.5		
2	267.0	266.5	
3	46.5		
4	12.0		
5	336.5		
6	264.0		
7	283.5		
8	65.0	64.0	
9	33.0		
10	352.0		Knocked over - replaced
11	317.0		
12	244.0		

Specimen Locations





#12

ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-74
Collector: Jeff Eighmy Date: 5/17/07

Archaeologist Henry Wallace/Debbie Swartz

Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244
Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)
Email: henry@desert.com; debbie@desert.com

Site Location:

Lat: 32° 26.66' Long: 110° 58.12' Elevation: 2879' Dec: 10.97°

Feature I.D. 5237.01 Area I.D. N-2

Archaeological Guess Date: _____

Basis for Guess Date: _____

Sample Description: Clay-like plate similar to 5124.01.

~~Decomposing granite? Coarse sand size grains (but not sand - no~~

~~Rounding). Some areas have clear color change; other areas look like~~

Orange subsoil. Rocks.

Feature Evaluation Scoring

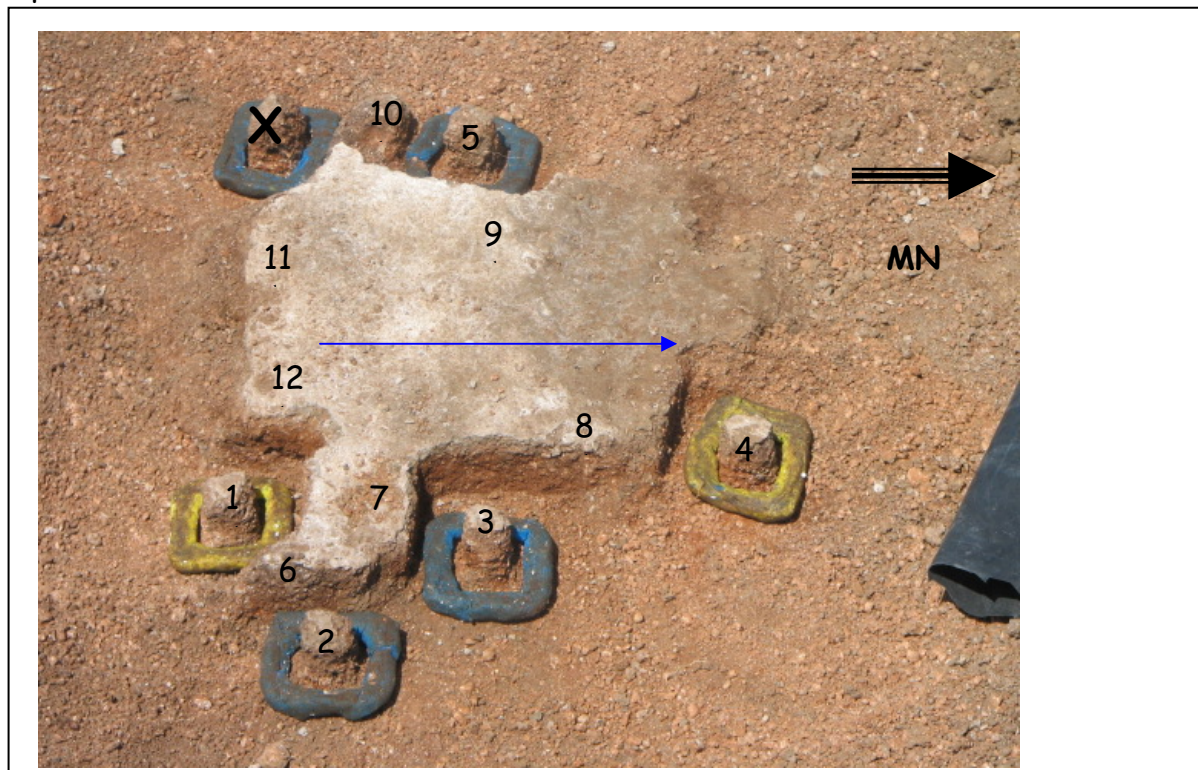
Score	Factor	1	2	3	4	5
2	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
3	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
2	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
3	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
3	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

Number of features previously sampled by collector?

Hundreds

	Compass Readings		Comments
	350.0		
1			
	350.0		
2			
	351.0	350.5	
3			
	351.0		
4			
	357.0		
5			
	0.5		
6			
	1.0	1.5	
7			
	348.0	347.5	
8			
	352.5		
9			
	348.0		
10			
	352.5		
11			
	347.5	347.0	
12			

Specimen Locations





ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-57
Collector: Jeff Eighmy Date: 4/16/07

Archaeologist Henry Wallace/Debbie Swartz
Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244
Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)
Email: henry@desert.com; debbie@desert.com

Site Location:

Lat: 32° 26.64' Long: 110° 58.11' Elevation: 2859' Dec: 10.97°

Feature I.D. 5296.01 Area I.D. N-2

Archaeological Guess Date: _____

Basis for Guess Date: _____

Sample Description: Very porous matrix when wetting hearth. Just base of ill-
prepared hearth. The matrix collected looks like burned material in wall of PH behind
plaster. Could be built on fill. Central portion of base seems to have dropped out of place
- avoided. Dark crusty cap on top. Gravelly matrix. Decomposing granite? Red
oxidized under crust. Crust is unstable. Dark crust is harder than orange underneath!!
Rocks.

Feature Evaluation Scoring

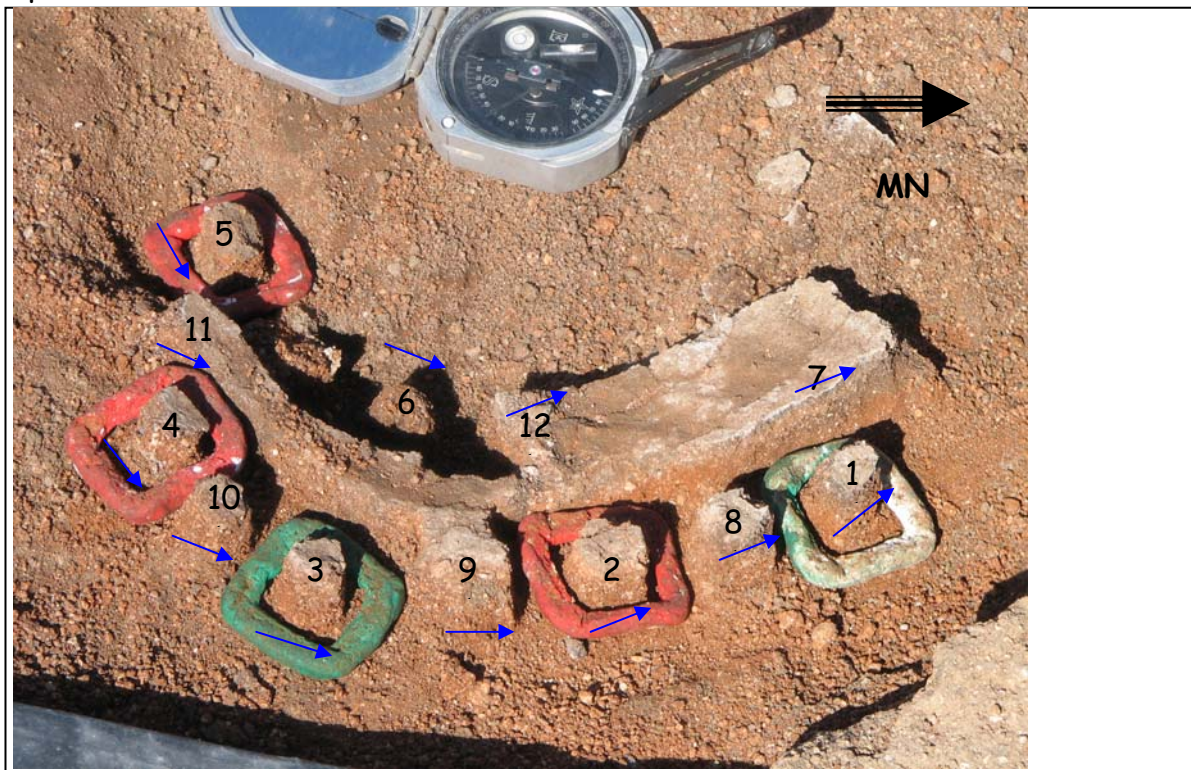
Score	Factor	1	2	3	4	5
2	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
4	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
3	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
3	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
3	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

Number of features previously sampled by collector?

Hundreds

	Compass Readings		Comments
	314.0	313.5	
1	327.0		Crust is spaulding off.
2	12.0		
3	34.0		
4	38.5		
5	2.5	3.0	
6	324.5	325.0	Crust came off.
7	327.5	327.0	Crust came off.
8	341.0		
9	36.5		
10	34.5	36.5 36.5	
11	334.0	334.5	
12			

Specimen Locations





5296.01



Disturbed base portion



ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-58
Collector: Jeff Eighmy Date: 4/16/07

Archaeologist Henry Wallace/Debbie Swartz

Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244
Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)
Email: henry@desert.com; debbie@desert.com

Site Location:

Lat: 32° 26.64' Long: 110° 58.11' Elevation: 2859' Dec: 10.97°

Feature I.D. 5296.02 Area I.D. N-2

Archaeological Guess Date: _____

Basis for Guess Date: _____

Sample Description: Held water during wetting process. Base of ill –

prepared hearth. Obvious prepared surface but not hard. Color change 1 cm. But

very soft and crumbly when collected. Better than 5290.01. Lots of rocks.

Feature Evaluation Scoring

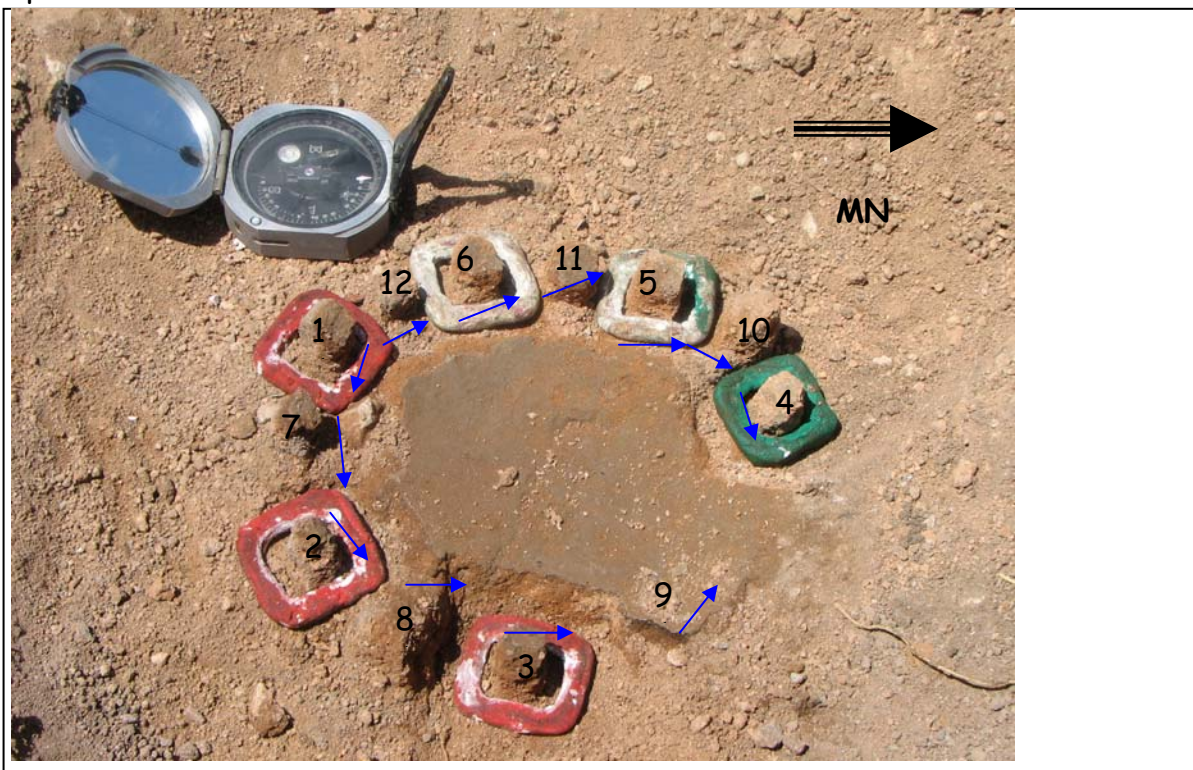
Score	Factor	1	2	3	4	5
2	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
4	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
3	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
3	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
3	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

Number of features previously sampled by collector?

Hundreds

Compass Readings			Comments
	121.0	121.5	
1	56.0	55.5	
2	7.0	7.5	
3	62.0		
4	4.0		
5	341.0		
6	98.5		
7	12.5	12.0	
8	303.0		
9	20.0		
10	355.0		
11	308.5		Short.

Specimen Locations





5296.02



ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-75
Collector: Jeff Eighmy Date: 5/19/07

Archaeologist Henry Wallace/Debbie Swartz
Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244
Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)
Email: henry@desert.com; debbie@desert.com

Site Location:

Lat: 32° 26.64' Long: 110° 58.12' Elevation: 2871' Dec: 10.97°

Feature I.D. 5324(floor) Area I.D. N-2

Archaeological Guess Date: _____

Basis for Guess Date: _____

Sample Description: Burned patch on floor. Some areas with dark

~~plaster cap - but matrix is a gravelly soil. Dark cap over bright orange~~

gravel (coarse sand sized). Oxidation? Orange everywhere.

Feature Evaluation Scoring

Score	Factor	1	2	3	4	5
3	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
3	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
2	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
3	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
3	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

Number of features previously sampled by collector?

Hundreds

	Compass Readings		Comments
1	323.0		not as orange
2	12.0		not as orange
3	18.0		not as orange
4	352.0		more orange
5	11.5		more orange
6	345.5		more orange
7	350.5		not as orange
8	12.5		not as orange
9	34.5	34.0	not as orange
10	347.0		more orange
11	349.5		more orange
12	347.0		more orange

Specimen Locations





ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-59
Collector: Jeff Eighmy Date: 4/21/07

Archaeologist Henry Wallace/Debbie Swartz

Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244
Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)
Email: henry@desert.com; debbie@desert.com

Site Location:

Lat: 32° 26.64' Long: 110° 58.12' Elevation: 2853' Dec: 10.97°

Feature I.D. 5358.01 Area I.D. N-2

Archaeological Guess Date: _____

Basis for Guess Date: _____

Sample Description: Prepared/remodeled hearth. It had a new rim put

on it. The old rim had been removed before replacing it with a new rim.

I took off the latest rim, and I collected hearth side below the new rim.

Lots of rocks. Thin crust. Oxidized about 1 cm.

Feature Evaluation Scoring

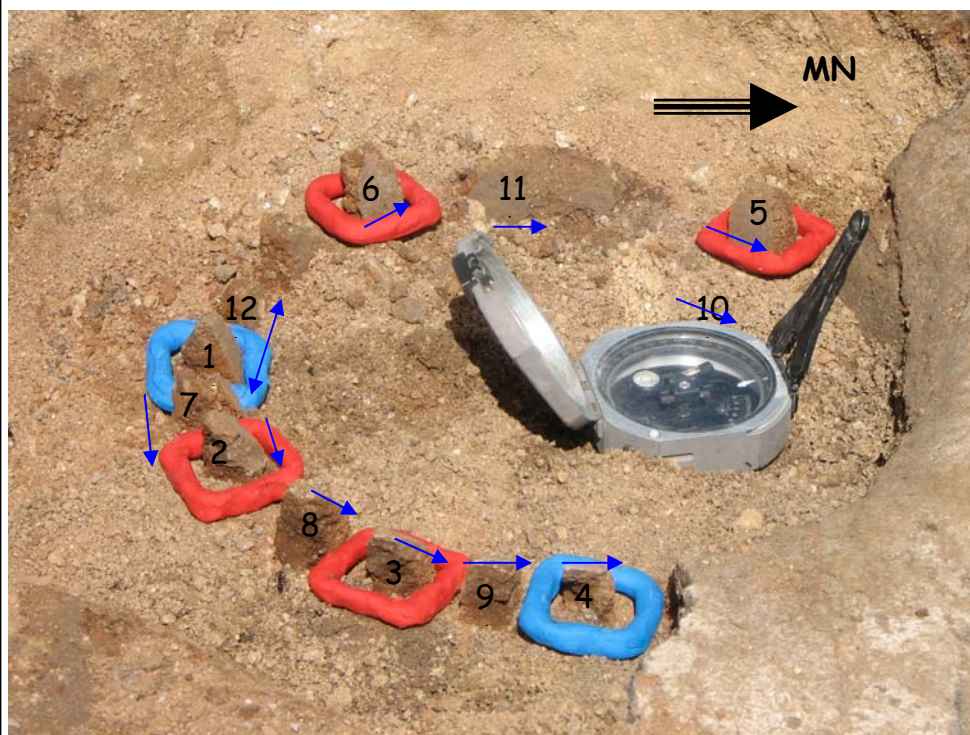
Score	Factor	1	2	3	4	5
2	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
2	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
2	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
2	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
3	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

Number of features previously sampled by collector?

Hundreds

Compass Readings			Comments
	100.0	99.5	Thin crust.
1	74.5		
2	39.0	38.0	
3	16.5		
4	46.0		
5	341.5		Thin crust.
6	92.5		Thin crust.
7	48.0		
8	19.5		
9	46.0		
10	3.5	2.5	Thin crust.
11	324.5	325.0	Thin crust.
12			

Specimen Locations





Caliche in through here



Close up of remodeled rim.
Later rim partially removed

ARCHAEO MAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-64
Collector: Jeff Eighmy Date: 4/25/07

Archaeologist Henry Wallace/Debbie Swartz

Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244
Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)
Email: henry@desert.com; debbie@desert.com

Site Location:

Lat: 32° 27.69' Long: 110° 58.10' Elevation: 2849' Dec: 10.97°

Feature I.D. 5382.01 Area I.D. N-1

Archaeological Guess Date: _____

Basis for Guess Date: _____

Sample Description: Badly disturbed, Ill-prepared hearth. I tried to
collect in situ pieces. Copng is discontinuous; spotty. Dug into VERY
gravelly/rocky soil. Oxidized orange 1-2 cm. Feels like gravel cemented
a little clay.

Feature Evaluation Scoring

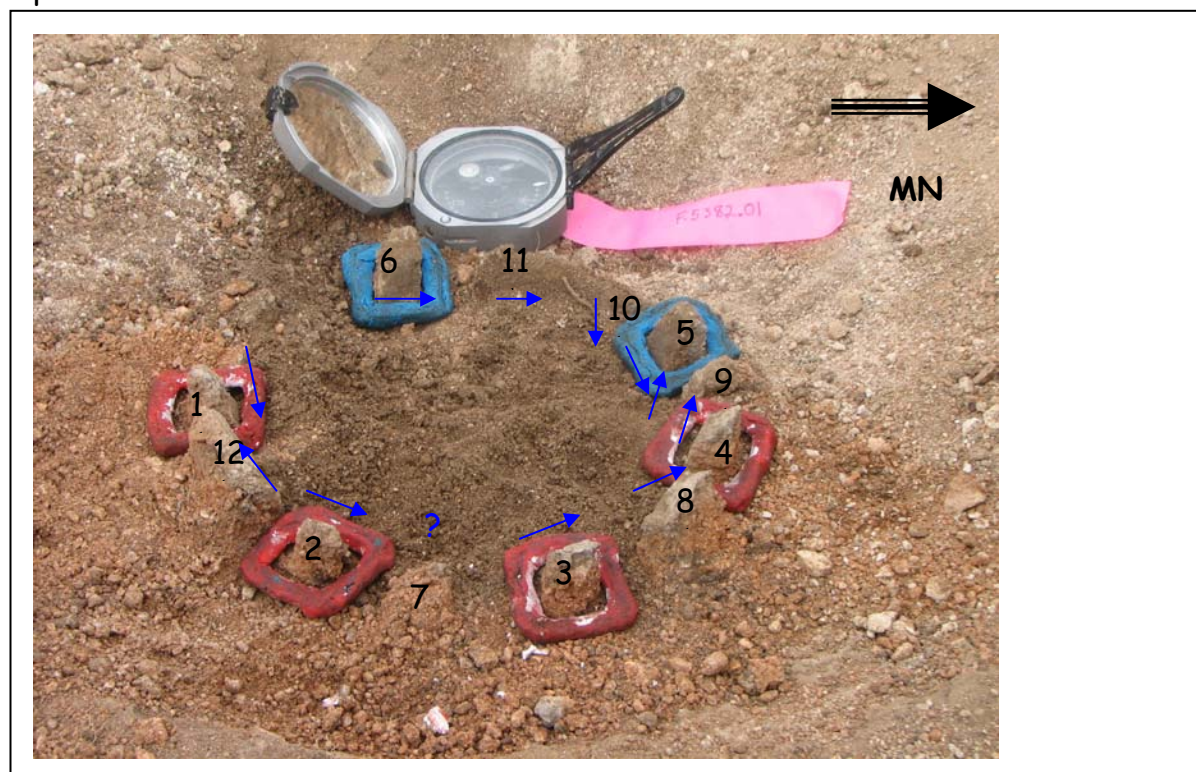
Score	Factor	1	2	3	4	5
1	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
3	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
4	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
3	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
4	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

Number of features previously sampled by collector?

Hundreds

	Compass Readings		Comments
	85.0	84.5	
1	36.5		
2	352.5	352.0	
3	294.5		
4	65.5		
5	349.5		
6	75.5		Azimuth doesn't seem right when I look at pic. 7.5?
7	3.0		
8	308.0		
9	90.0		
10	17.0		
11	300.0		
12			

Specimen Locations





ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-54
Collector: Jeff Eighmy Date: 4/13/07

Archaeologist Henry Wallace/Debbie Swartz

Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244
Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)
Email: henry@desert.com; debbie@desert.com

Site Location:

Lat: 32° 26.71' Long: 110° 58.12' Elevation: 2884' Dec: 10.97°

Feature I.D. 5448.01 Area I.D. N-1

Archaeological Guess Date: _____

Basis for Guess Date: _____

Sample Description: Prepared hearth. Poorly preserved. Orange
subsoil. Darker orange oxidation. 1 cm. Soft.

Feature Evaluation Scoring

Score	Factor	1	2	3	4	5
3	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
3	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
3	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
2	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
2	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

Number of features previously sampled by collector?

Hundreds



ARCHAEOMAGNETIC SAMPLE COLLECTING FORM

Archaeomagnetic Services
62820 E. Harmony Dr.
Tucson, AZ 85739

Site I.D.: AZ BB:9:88(ASM) Sample I.D.: HBA-62
Collector: Jeff Eighmy Date: 4/25/07

Archaeologist Henry Wallace/Debbie Swartz

Affiliation/ Desert Archaeology 3975 N. Tucson Blvd, Tucson, AZ 85716, Phone:(520) 881-2244
Address/ 520 490 6910 (Henry); 520 271 1773 (Debbie)
Email: henry@desert.com; debbie@desert.com

Site Location:

Lat: 32° 27.71' Long: 110° 58.11' Elevation: 2880' Dec: 10.97°

Feature I.D. 5449.01 Area I.D. N-1

Archaeological Guess Date: _____

Basis for Guess Date: _____

Sample Description: Prepared hearth. Rocks. Oxidized dark
orange (1 cm). Sandy but crust somewhat hard.

Feature Evaluation Scoring

Score	Factor	1	2	3	4	5
1	Oxidation	Red/Orange >1 cm		<1 cm thick		No Oxidation/ Blackening
2	Hardness/ Preparation	Hard, solid surface; well prepared coping or plaster		Hard but unprepared surface		Soft; no preparation.
2	Erosion/ Weathering	Uncracked; very little evidence of weathering		Some cracking/erosion of feature		Cracked, slumped or eroded
1	Sand/Silt/ Clay	> 15% clay		Granular/sandy, but some clay (10% < 15%)		Very sandy; little or No clay (< 10%)
2	Intrusions	No or very few intrusions		Some intrusions		Excessive intrusions like pebbles or roots

Number of features previously sampled by collector?

Hundreds

	Compass Readings		Comments
1	73.5		
2	46.0		
3	358.5		
4	327.5	326.5	
5	277.5		
6	252.0		
7	75.0		
8	17.5		
9	351.5		
10	301.0		
11	277.5		
12	225.0		

Specimen Locations

