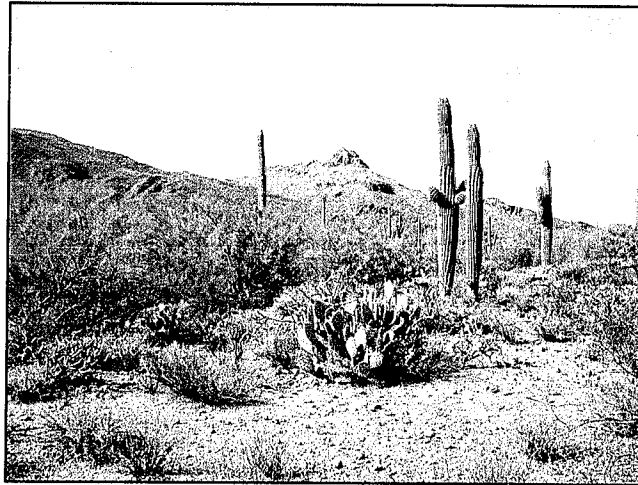


A CLASS III CULTURAL RESOURCES SURVEY OF APPROXIMATELY 60 ACRES AT THE WESTERN TERMINUS OF INA ROAD, PIMA COUNTY, ARIZONA



Prepared for:

Holualoa Arizona, Inc.
3573 East Sunrise Drive
Tucson, Arizona 85718

Prepared by:

Shannon D. Twilling, M.A., R.P.A.
Grant Fahrni
Sharon Urban, M.A.

Submitted by:

Harris Environmental Group, Inc.
58 East 5th Street
Tucson, Arizona 85705-8362

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15 November 2004

HEG Project #04-111



REPORT ABSTRACT

Title

A Class III Cultural Resources Survey of Approximately 60 Acres at the Western Terminus of Ina Road, Pima County, Arizona

Survey Date

11 and 12 November 2004

Agency

Pima County Cultural and Historic Preservation Office

Permit Number

ASM Blanket Survey Permit Number 2004-046bl

ASM Accession Number

2004-TBA

Location

The project area lies on private land in Pima County, Arizona. The parcel is within the Gila and Salt River Baseline and Meridian Township 13 South, Range 12 East, Section 4 (SW $\frac{1}{4}$ of the NE $\frac{1}{4}$ and W $\frac{1}{2}$ of the NW $\frac{1}{4}$), on the Jaynes and Avra USGS 7.5-minute quadrangles (AZ AA:12:SE and AZ AA:12:SW).

Acreage

Approximately 60 acres (24.3 ha)

Register-Eligible Properties

Two: AZ AA:12:418(ASM) (previously recorded) and AZ AA:12:974(ASM)

Register-Ineligible Properties

Five: AZ AA:12:975(ASM), AZ AA:12:976(ASM), AZ AA:12:977(ASM), AZ AA:12:978(ASM), AZ AA:12:979(ASM)

Management Recommendations

Seven archaeological sites (one previously recorded site and six newly recorded sites) and 15 isolated artifact occurrences were identified within the APE. The IOs are not considered significant and additional work is not recommended for them. Five of the archaeological sites, AZ AA:12:975(ASM), AZ AA:12:976(ASM), AZ AA:12:977(ASM), AZ AA:12:978(ASM), and AZ AA:12:979(ASM), are recommended ineligible to the NRHP. These five sites have low potential for subsurface deposits and further investigation is unlikely to yield significant information about late historic-period activities in the Tucson basin. No additional archaeological work is recommended for these five sites.

The remaining two sites, AZ AA:12:418(ASM) and AZ AA:12:974(ASM), are recommended eligible to the NRHP. The preparation of an archaeological treatment plan is recommended to facilitate additional investigations at these two sites. Additional investigations may include further recordation of the rock art and collection of surface artifacts at both sites, as well as the placement of test pits and excavation of the two rock features at AZ AA:12:974(ASM). Treatment also may include the creation of an educational exhibit to be located in a community area showcasing the prehistoric and historic heritage of this area.



If human remains are discovered during any ground disturbing activities, all activity in the vicinity of the discovery must cease and the ASM and a qualified archaeologist shall be notified pursuant to A.R.S. §41-865.



INTRODUCTION

On 11 and 12 November 2004, Harris Environmental Group, Inc. (Harris Environmental) completed a Class III Cultural Resources Survey to determine if cultural resources are present within the parcel that may be adversely affected by residential development. The project was conducted under Arizona Antiquities Act Blanket Survey Permit No. 2004-46bl and Arizona State Museum (ASM) Accession No. 2004-TBA.

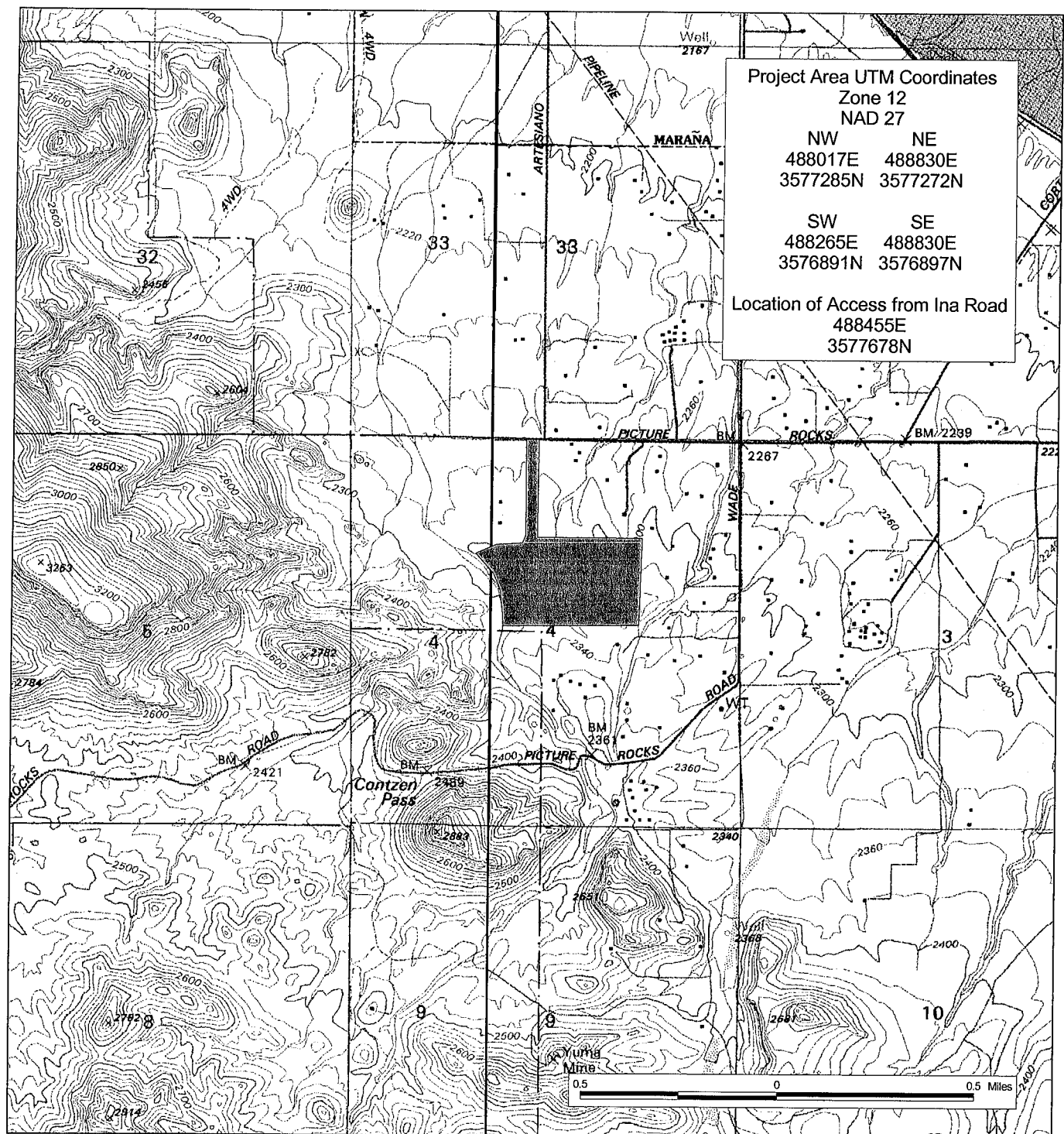
Seven archaeological sites (AZ AA:12:418[ASM], AZ AA:12:974[ASM], AZ AA:12:975[ASM], AZ AA:12:976[ASM], AZ AA:12:977[ASM], AZ AA:12:978[ASM], and AZ AA:12:979[ASM]) and 15 isolated artifact occurrences were identified within the area of potential effect (APE). Additional archaeological work is recommended for two of those sites (AZ AA:12:418[ASM] and AZ AA:12:974[ASM]).

PROJECT AREA

The APE consists of approximately 60 acres (24.3 ha) of undeveloped private land in Pima County, Arizona. The parcel is located at the western terminus of Ina Road, just west of its intersection with Wade Road, Pima County, Arizona (Figure 1). The APE is bounded to the north, east, and south by private land and to the west by a buffer zone between the APE and Saguaro National Monument West. The parcel is within the Gila and Salt River Baseline and Meridian Township 13 South, Range 12 East, Section 4 (SW $\frac{1}{4}$ of the NE $\frac{1}{4}$ and W $\frac{1}{2}$ of the NW $\frac{1}{4}$), on the Jaynes and Avra USGS 7.5-minute quadrangles (AZ AA:12:SE and AZ AA:12:SW) (see Figure 1). Elevation within the project area is approximately 2,300 ft (701 m) above mean sea level (amsl).

The project area is located on the upper bajada zone within the Arizona Upland Subdivision of the Sonoran Desertscrub plant community (Brown 1994). Vegetation coverage within the project area is high and ground visibility is fair (approximately 80 percent). Vegetation observed within the parcel includes: acacia (*Acacia* sp.), barrel cactus (*Ferocactus wislizenii*), brittlebush (*Encelia farinosa*), Christmas cholla (*Opuntia leptocaulis*), creosote (*Larrea tridentata*), desert mistletoe (*Phoradendron californicum*), desert senna (*Senna covesii*), fairy duster (*Calliandra eriophylla*), fishhook cactus (*Mammillaria microcarpa*), graythorn (*Zizyphus obtusifolia*), hackberry (*Celtis* sp.), hedgehog cactus (*Echinocereus* sp.), ironwood (*Olneya tesota*), jumping cholla (*Opuntia fulgida*), mesquite (*Prosopis velutina*), ocotillo (*Fouquieria splendens*), paloverde (*Parkinsonia* sp.), prickly pear (*Opuntia* sp.), Range ratany (*Krameria* sp.), rattlesnake weed (*Euphorbia* sp.), saguaro (*Carnegiea gigantea*), staghorn cholla (*Opuntia versicolor*), teddy bear cholla (*Opuntia bigelovii*), triangle-leaf bursage (*Ambrosia deltoidea*), and a variety of grasses. Soil within the parcel consists of brown clayey sand overlain by small igneous gravels and cobbles. Several igneous rock outcrops are present within the parcel, and an igneous boulder hill (approximately 2,400 ft amsl) is present in the southeast corner of the project area.

Disturbance within the parcel is minor and consists of foot and horse trails, sheet wash, and a low density modern trash scatter that is concentrated along the northern and eastern parcel boundaries where residential development is present. The entire parcel is being actively eroded, as evidenced by igneous boulder outcrops and small rills and washes throughout the entire project area.



Ina Road Western Terminus
Cultural Resources Survey
HEG Project #04-111



Township 13 South
Ranges 12 East
Pima County, Arizona
UTM Zone 12
NAD 27

 Project Area

Project Area



Arizona



Figure 1. Location of project area.



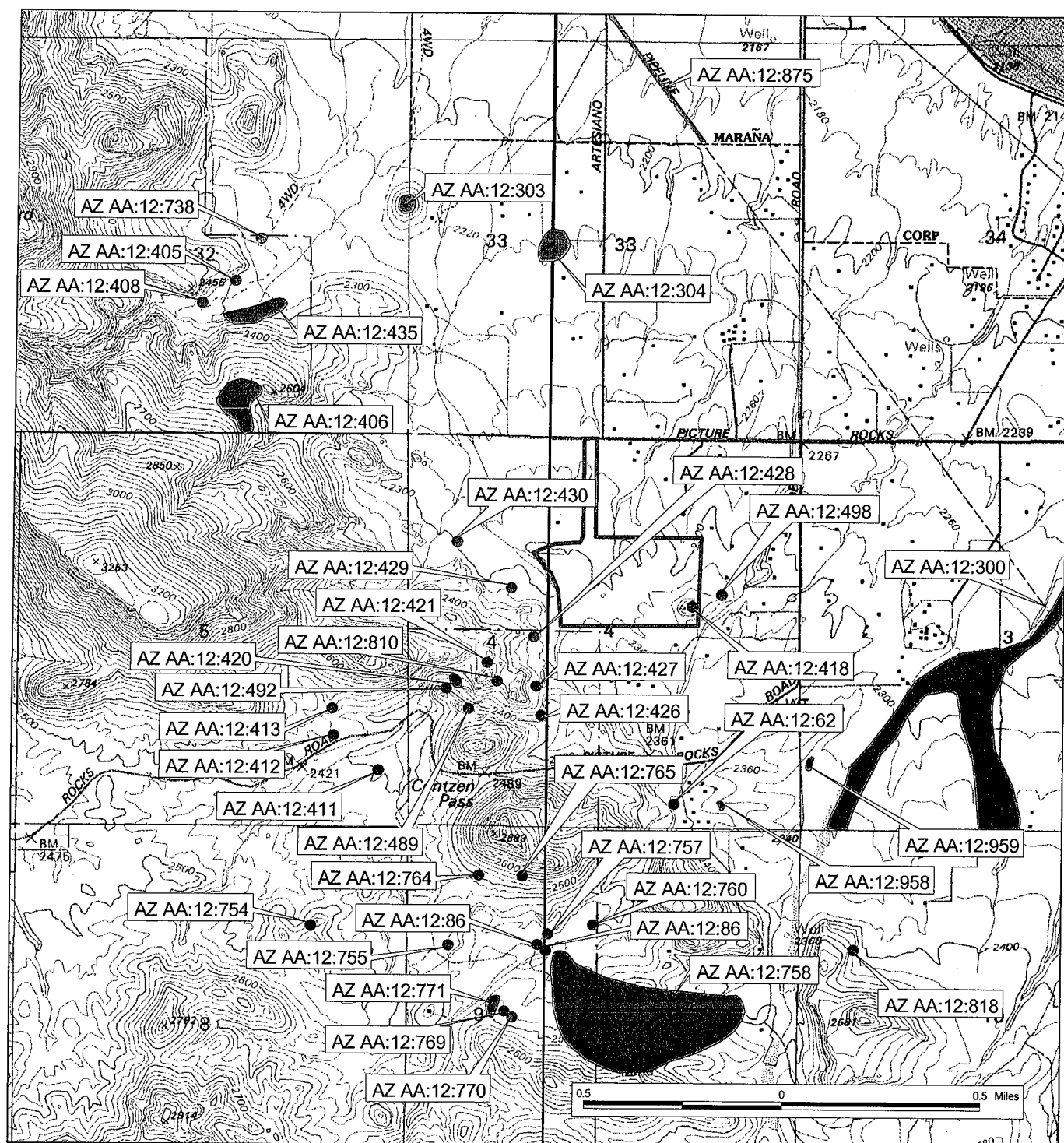
PREVIOUS RESEARCH

Before fieldwork, the archaeological site records were checked at the ASM Site Files Office, the AZSITE Computerized Database, and the General Land Office (GLO) records at the Bureau of Land Management (BLM). Research indicated that 13 Class III Cultural Resource Surveys have been conducted within 1.0 mi (1.6 km) of the project area (Table 1). The APE was surveyed in full in 1981 by the Northern Tucson Basin Survey (ASM Survey No. 1981-174; Fish et al. 1992; Madsen et al. 1993). This survey identified 277 archaeological sites, although none were located in the APE. Because this survey was conducted more than 20 years ago, the parcel was subject to additional examination.

Table 1. Previous surveys within one-mile of project area.

ASM Project Number	Institute	Area Covered	ASM Sites and Isolated Occurrences (IOs) Recorded	Reference
1963-1	University of Arizona Anthropology Department	No information	8 sites; IOs not recorded	White 1965
1977-21	Western Archaeological Conservation Center (WACC)	30 miles of 150-ft to 300-ft right of way	5 sites; 25 IOs	Johnson and Hewitt 1979
1981-174	ASM	No information	277 sites; IOs not recorded	Fish et al. 1992; Madsen et al. 1993
1986-248	WACC	9.25 miles of 100-ft right of way	4 sites; 6 IOs	Wells 1986
1994-203	WACC	740 acres	29 sites; IOs not recorded	Wellman 1994
1996-170	WACC	1,486 acres	5 sites; IOs not recorded	Wells and Reutter 1996
1997-420	Old Pueblo Archaeology Center (OPAC)	678 acres	1 site; 20 IOs	Jones 1997
1999-182	SWCA	27 acres	No sites; No IOs	Archer and Wellman 1999
1999-77	OPAC	599 acres	1 site; 6 IOs	Kaldahl 1999
2001-249	Desert Archaeology	4 acres	No sites; 1 IO	Diehl 2001
2000-311	OPAC	9 acres	1 site; No IOs	Jones 2000
2002-187	OPAC	42.66 acres	No sites; 7 IOs	Jones and Dart 2002
2004-280	Harris Environmental	46 acres	2 sites; 5 IOs	DeJongh et al. 2004

Research revealed 42 archaeological sites within a one-mile radius of the surveyed parcel (Figure 2; Table 2). The majority of sites are prehistoric Hohokam and Historic Euroamerican artifact scatters, some with associated rock features. Other sites include historic structures, roads, and utility features. Several rock art sites are present within the one-mile study radius. The archaeological community once ignored rock art, but over the last 20 years rock art has become a useful research tool for researchers studying prehistoric sites in the American Southwest. An anthropology graduate student at the University of Arizona conducted one of the earliest rock art studies in the Tucson Basin in 1965 (White 1965). White conducted a cultural resources inventory of Saguaro National Monument, recording eight petroglyph sites, including the Picture Rocks site (AZ AA:12:62[ASM]) southwest to the current project area.



Ina Road Western Terminus
Cultural Resources Survey
HEG Project #04-111



Township 13 South
Ranges 12 East
Pima County, Arizona
UTM Zone 12
NAD 27

Archaeological Site
 Project Area

Project Area



Arizona



Figure 2. Location of previously recorded archaeological sites within one mile of project area.

**Table 2.** Previously recorded sites within one mile of the project area.

ASM Site Number	Temporal/Cultural Affiliation	Size	Description	NRHP Recommendation	Recording Survey
AA:12:62	Prehistoric Hohokam (Rincon phase)	No information	Petroglyphs	Not evaluated	1965-3
AA:12:86	Historic Cochise	No information	Flaked stone scatter	Not evaluated	Privately reported
AA:12:300	Prehistoric Archaic and Hohokam	Over 1 mi ²	Flaked stone scatter	Not evaluated	1981-174
AA:12:303	Prehistoric Hohokam	76,500 m ²	Artifact scatter	Not evaluated	1981-174
AA:12:304	Prehistoric Hohokam	900 m ²	Artifact scatter and rock piles	Not evaluated	1981-174
AA:12:405	Prehistoric Archaic and Hohokam	400 m ²	Artifact scatter and petroglyphs	Not evaluated	1981-174
AA:12:406	Prehistoric Hohokam	4,900 m ²	Artifact scatter, structure, and trail	Not evaluated	1981-174
AA:12:407	Prehistoric Archaic	6,750 m ²	Flaked stone scatter	Not evaluated	1981-174
AA:12:410	Prehistoric Hohokam	200 m ²	Artifact scatter	Not evaluated	1981-174
AA:12:411	Prehistoric Hohokam	100 m ²	Artifact scatter	Eligible	1981-174
AA:12:412	Prehistoric Hohokam	1,600 m ²	Artifact scatter	Not evaluated	1981-174
AA:12:413	Prehistoric Hohokam	900 m ²	Artifact scatter and petroglyph	Not evaluated	1981-174
AA:12:418	Prehistoric Hohokam	500 m ²	Artifact scatter with petroglyphs	Not evaluated	1981-174
AA:12:420	Historic Euroamerican	10,000 m ²	Agricultural features (terraces, rock piles) and houses	Not evaluated	1981-174
AA:12:421	Prehistoric Hohokam and Historic Euroamerican	5,280 m ²	Mound, roasting pits, rock alignment, rock pile, petroglyph, and artifact scatter	Eligible	1981-174
AA:12:426	Unknown	100 m ²	Petroglyphs	Not evaluated	1981-174
AA:12:427	Prehistoric Hohokam	200 m ²	Artifact scatter and rock structures	Not evaluated	1981-174
AA:12:428	Unknown	1 m ²	Petroglyphs	Not evaluated	1981-174
AA:12:429	Prehistoric Hohokam	2,400 m ²	Artifact scatter	Not evaluated	1981-174
AA:12:430	Prehistoric Hohokam and Historic Euroamerican	840 m ²	Artifact scatter and the remains of old fence posts	Not evaluated	1981-174
AA:12:435	Prehistoric Hohokam	1,600 m ²	Flaked stone scatter	Not evaluated	1981-174
AA:12:489	Historic Euroamerican	15,000 m ²	Adobe structure, trash dumps, and mine shafts	Not evaluated	1977-21
AA:12:492	Prehistoric Hohokam and Historic O'odham	100 m ²	Rockshelter and artifact scatter	Not evaluated	1977-21
AA:12:498	Prehistoric Hohokam and possible Archaic	400 m ²	Petroglyphs and bedrock mortars	Not evaluated	1982 Tucson Aqueduct Petroglyph Project
AA:12:738	Indeterminate Historic	No info.	Trash mound, road, and rock-lined path	Not evaluated	WACC project
AA:12:754	Unknown	Unknown	Depressions and rock piles	Eligible	1994-203
AA:12:755	Prehistoric Hohokam	630 m ²	Artifact scatter	Eligible	1994-203



Table 2. (continued).

ASM Site Number	Temporal/Cultural Affiliation	Size	Description	NRHP Recommendation	Recording Survey
AA:12:757	Unknown	1,500 m ²	Petroglyphs	Eligible	1994-203
AA:12:758	Historic Euroamerican	98,900 m ²	Camp with trash scatter and rock wall remains	Eligible	1994-203
AA:12:760	Historic Euroamerican	625 m ²	Trash scatter, rock pile, and hearth	Eligible	1994-203
AA:12:761	Prehistoric Hohokam and Historic Euroamerican	1,250 m ²	Artifact scatter	Eligible	1994-203
AA:12:764	Unknown	80 m ²	Three rock clusters	Eligible	1994-203
AA:12:765	Unknown	40 m ²	Two rock piles	Eligible	1994-203
AA:12:769	Prehistoric Hohokam	1,950 m ²	Artifact scatter	Eligible	1994-203
AA:12:770	Unknown	1.2 m ²	One rock pile	Eligible	1994-203
AA:12:771	Historic Euroamerican	20,000 m ²	Old road and foundations with artifact scatter	Eligible	1994-203
AA:12:810	Prehistoric Hohokam	252 m ²	Petroglyphs and artifact scatter	Eligible	1996-170
AA:12:811	Prehistoric Hohokam and Historic Euroamerican	5,700 m ²	Clearings, depressions, rock alignments, rock ring, historic and prehistoric artifact scatter	Eligible	1996-170
AA:12:818	Prehistoric Hohokam and Historic Euroamerican	253 m ²	Rock shelter and artifact scatter	Eligible	WACC project
AA:12:875	Historic Euroamerican	1,951 m by 18.3 m	El Paso Natural Gas pipeline	One portion of line eligible, another portion ineligible	No info.
AA:12:958	Historic Euroamerican	40 m by 22 m	Artifact scatter	Ineligible	2004-280
AA:12:959	Historic Euroamerican	60 m by 25 m	Utility features	Ineligible	2004-280

Two other significant rock art studies have been conducted in the Tucson Mountains area. Ferg (1979) studied the rock art of Tumamoc Hill just to the west of Tucson, and Wallace (1983) analyzed the rock art at Rillito Peak (north end of the Tucson Mountains). Petroglyph sites raise compelling questions because they are difficult to date and interpret. Rock art elements have been interpreted variously as maps, histories, doodling, and indications of ceremonial and religious activities.

GLO records indicate that five patents have been filed for portions of Township 13 South, Range 12 East, Section 4 (Table 3). All of these are homestead entries. One land patent (Accession/Serial No. 1046744) includes a portion of the APE. This is a Homestead Entry-Stock Raising filed in 1931 by Clark Boaz.

**Table 3.** Land patents within Township 13 South, Range 12 East, Section 4, from GLO records.

Date	Patentee	Accession/ Serial No.	Authority	Aliquot Part*
1/17/1930	William H. McConnico	063927	Homestead Entry Original	NE¼ of the NE¼
6/3/1931	Clark Boaz	1046744	Homestead Entry-Stock Raising	S½ of the NE¼; SE ¼ of the NW¼; Lot 1 of the NE¼ of the NE¼; Lot 4 of the NW¼ of the NW¼
8/1/1934	Henry M. Hubbard	1071247	Homestead Entry-Stock Raising	NW¼ of the SE¼; N½ of the SW¼
1/9/1935	Winifred S. Trevitt	0069339 01	Homestead Entry-Stock Raising	NE¼ of the NW¼
1/11/1939	Wampler L. Cochrane	0066492 01	Homestead Entry-Stock Raising	NW¼ of the NE¼

*Only portions of patent within T13S, R12E, Section 4 are included in table.

SURVEY METHODS

The survey was conducted on 11 and 12 November 2004 by archaeologists Shannon Twilling and Grant Fahrni, according to standards set by ASM for pedestrian surveys. These standards allow a person to achieve 100 percent coverage of a corridor 20 m (66 ft) wide in a single pass. One hundred percent coverage of the project area was achieved by conducting a series of systematic transects (spaced 66 ft [20 m] apart) across the parcel. The buffer zone between the APE and Saguaro National Monument West also was inspected; no archaeological sites were identified in that area.

Archaeologists carefully examined all surface and soil exposures within the project area. Any artifacts or features that appeared older than 50 years were evaluated to determine whether they constituted an archaeological site or a cultural resource eligible for inclusion in the National Register of Historic Places (NRHP). According to the criteria established by the Arizona State Museum (ASM Site Definition Policy), a site can be of virtually any size and have a variety of artifacts and features, but must consist of at least one of the following to qualify as a site:

- Thirty or more artifacts of a single artifact class within an area 15 meters (49 ft) in diameter, except when all pieces appear to originate from a single source (e.g., one ceramic vessel, one core, or one glass bottle, etc.).
- Twenty or more artifacts that include at least two artifact classes (e.g., sherds, lithics, or historic artifacts, etc.), within an area 15 meters (49 ft) in diameter.
- One or more archaeological features in association with any number of artifacts.
- Two or more temporally associated archaeological features without artifacts.

Artifacts and features that do not qualify as sites are recorded as isolated occurrences (IOs). These generally consist of a single artifact, an individual feature, or widely dispersed artifact scatters of extremely low density. An isolated feature is defined as a non-portable object that has no other features or artifacts within a 100-meter (328 ft) diameter of its location. Field documentation of IOs is limited to recording the type of find and its UTM coordinates.



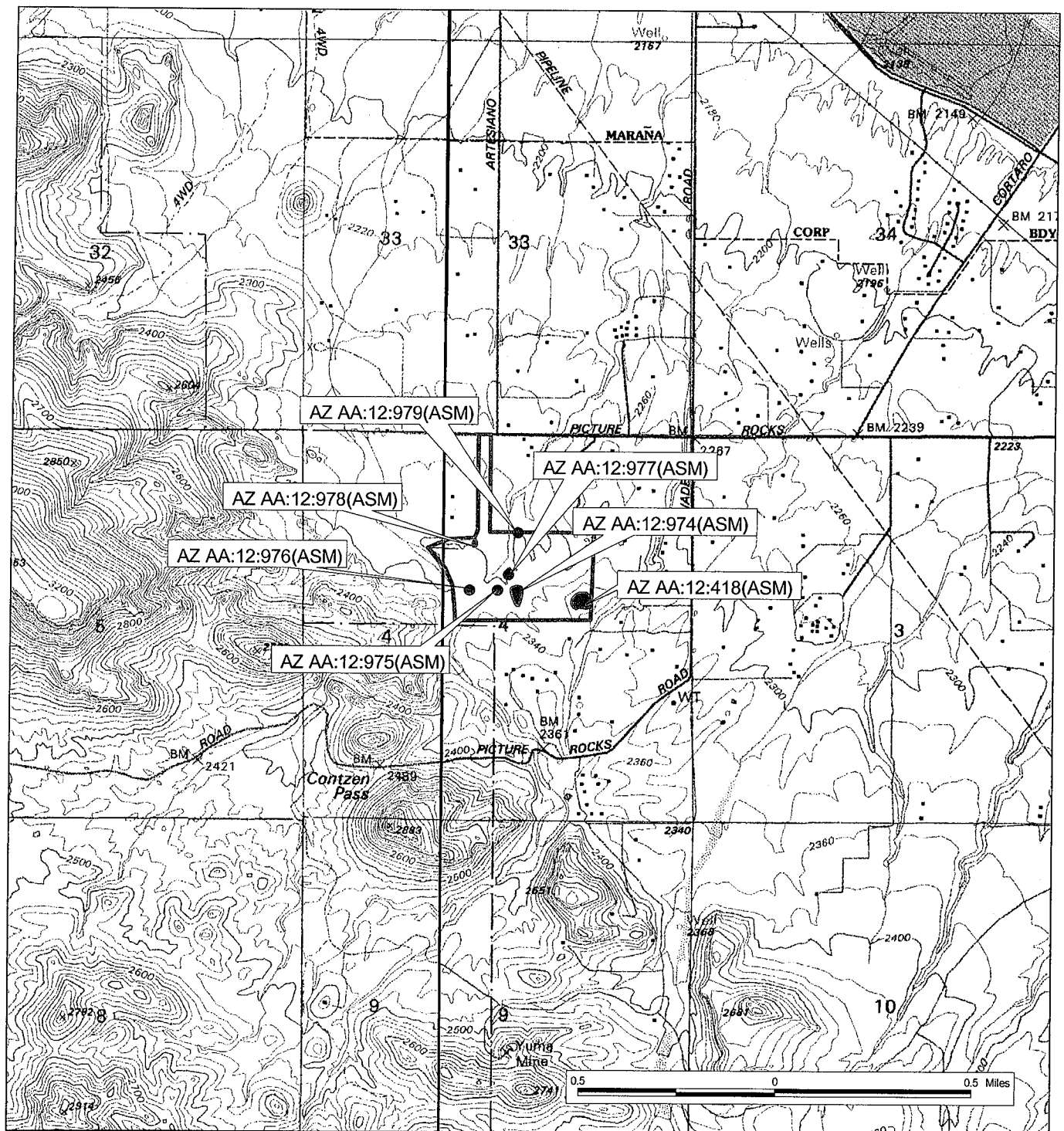
SURVEY RESULTS

Seven archaeological sites were identified within the project area, including one previously recorded site (Figure 3). These sites include two prehistoric rock art sites (AZ AA:12:418[ASM] and AZ AA:12:974[ASM]) and five historic artifact scatters (AZ AA:12:975-979[ASM]).

The five historic artifact scatters may be related to homesteading in the area; the GLO file search indicated that Clark Boaz filed a homestead patent for this area in 1931. However, no evidence of that homestead was observed anywhere within the APE. Historic artifact dates come from Goodman (1998), Polak (2002), and Toulouse (1971). In addition, 15 IOs were identified (Table 4).

Table 4. Isolated occurrences identified within APE.

IO No.	Description	UTM (NAD 27, UTM Zone 12)
1	Tobacco tin lid	488577E 3576951N
2	Scatter of 15 plain ware sherds with sand temper	488359E 3576964N
3	Large primary flake/chopper of gray rhyolite, black rhyolite primary flake	488676E 3576980N
4	Basalt primary flake, white chert secondary flake	488737E 3577000N
5	Two plainware sherds, sand temper	488786E 3577039N
6	Fifteen plainware sherds, sand and mica temper	488927E 3577109N
7	About 30 concrete fragments, 4 metal pipe fragments, 5 ceramic pipe fragments, 1 window pane fragment, 1 wire nail, age undetermined	488732E 3577126N
8	Plainware sherd, sand temper; orange chert tertiary flake	488332E 3577146N
9	Mustard chert primary flake	488341E 3577159N
10	About 50 glass fragments from 3 broken bottles: brown, green and colorless; Latchford Bottle Company marker's mark 1957	488315E 3577222N
11	Rock ring in excellent condition, about 1 meter in diameter, age undetermined	488771E 3577201N
12	Gray rhyolite primary flake	488900E 3577252N
13	One gray rhyolite secondary flake, 5 gray rhyolite primary flakes, 9 black rhyolite primary flakes scattered over 10 m area	488921E 3577236N
14	Large purple rhyolite primary flake	488911E 3577259N
15	Gray rhyolite primary flake and gray rhyolite core	488756E 3577265N



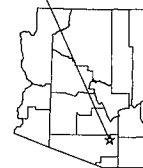
Ina Road Western Terminus
Cultural Resources Survey
HEG Project #04-111



Township 13 South
Ranges 12 East
Pima County, Arizona
UTM Zone 12
NAD 27

- Archaeological Site
- Project Area

Project Area



Arizona



Figure 3. Archaeological sites within project area.

**AZ AA:12:418(ASM)****Field Number:** n/a**Datum UTM Coordinates (NAD 27, UTM Zone 12):** 488879E, 3576984N**Site Type:** Prehistoric rock art and artifact scatter**Cultural/Temporal Affiliation:** Archaic, Hohokam**Dimensions:** 90 m (295.3 ft) by 68 m (223.0 ft)**NRHP Status:** Eligible**Site Description**

This site consists of several prehistoric rock art panels and an artifact scatter located on the top, sides, and base of an igneous boulder hill (Figure 4 and Figure 5). The site was originally recorded in 1982 by the ASM as part of the Northern Tucson Basin survey (Fish et al. 1992; Madsen et al. 1993). Limited information and no site map were on file at the ASM or AZSite. Vegetation observed at the site includes paloverde, mesquite, brittlebush, and hackberry. Elevation ranges from 2,300 ft (701 m) to 2,400 ft (731 m) amsl. Soil within the parcel consists of a brown clayey sand overlain by small igneous gravels and cobbles. The site is in good condition; recent vandalism is present on one of the boulders approximately 10 m from the rock art. Active erosion is likely moving artifacts from the hill to the base.

Artifacts

A small scatter of flaked stone and plainware sherds was noted by the original recorders of the site. Harris Environmental observed a low density artifact scatter on the top, sides, and base of the hill. At least 100 artifacts are present. Rhyolite, chert, and quartzite flakes exhibiting all stages of lithic reduction are present, along with and plainware sherds with sand temper.

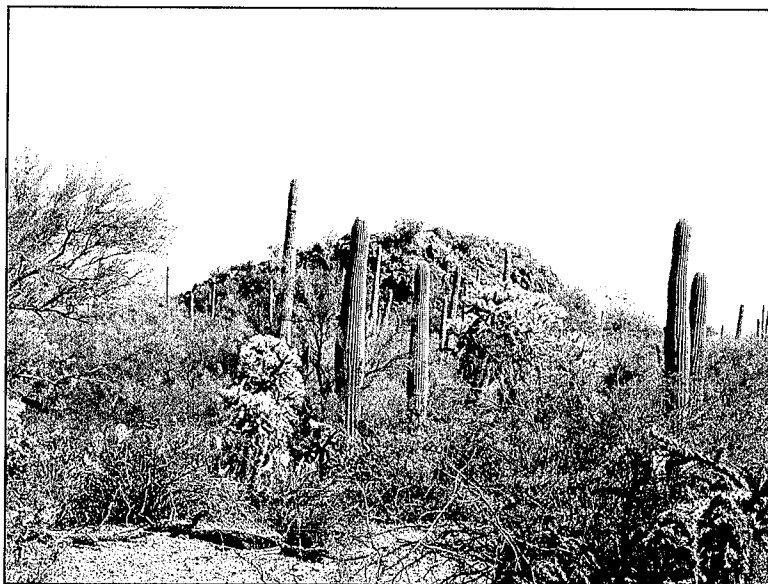


Figure 4. Overview of AZ AA:12:418(ASM) facing east.

AZ AA:12:418(ASM)

488803E
3577026N

488756E
3576988N

Boulder 1
Boulder 2
Boulder 3

488839E
3576996N

488812E
3576987N

488793E
3576958N

10 0 10 Meters



Western Terminus of Ina Road
Cultural Resource Survey
HEG Project #04-111

Township 13 South
Range 12 East
Section 4
Pima County, Arizona
UTM Zone 12

Scale 1:600

- Site Boundary
- Site Datum
- Feature
- Contour Line
- Drainage
- Project Area Boundary



Figure 5. Plan Map of AZ AA:12:418(ASM).



Features

The original recorders noted 18 petroglyphs at the site, although no information is available about the types of elements present. Harris Environmental observed six petroglyph elements on three separate boulders (Figure 6).

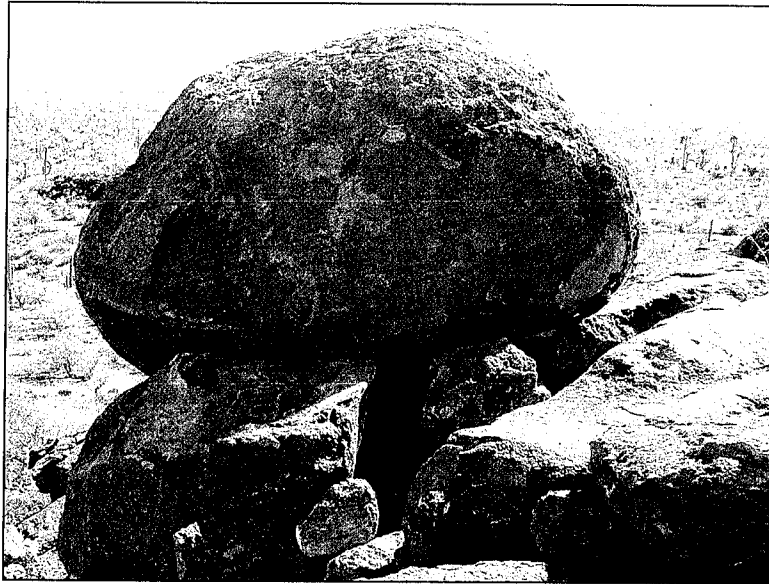


Figure 6. Rock art overview facing northwest.

Rock art at AZ AA:12:418(ASM) contains abstract designs and anthropomorphic (human-like) figures. Similar images were identified in the three significant studies of rock art in the area (Ferg 1979; Wallace 1983; White 1965). The presence of both geometric patterns and realistic forms, as well as some variety in patination and superimposition, suggests that these sites were used by both Archaic and Hohokam cultures. The Archaic glyphs may date back to 1,000 B.C. while the Hohokam elements may date to approximately AD. 900-1000.

Boulder 1 contains one to two anthropomorphic figures and indistinct pecking marks (Figure 7). Boulder 2 contains a circular figure, a squiggle maze, and a cross (Figure 8). Boulder 3 contains a floral design and a crook-like image (Figure 9).

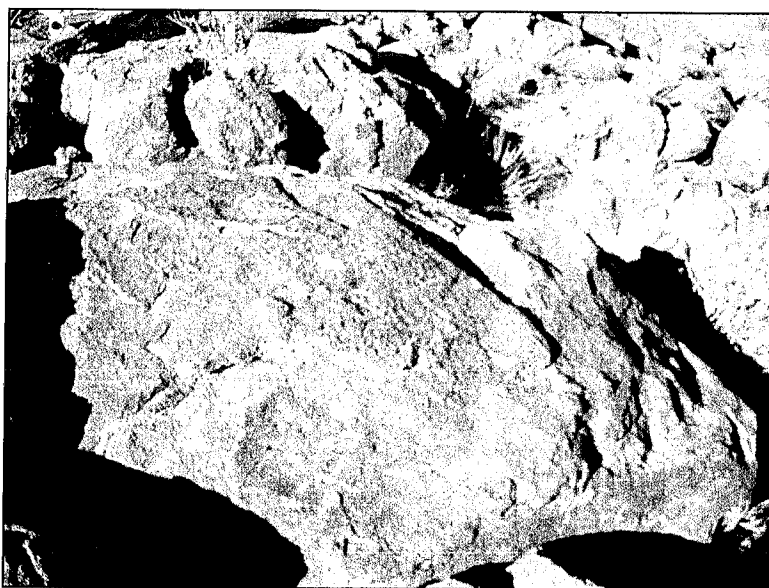


Figure 7. Boulder 1 facing northwest.



Figure 8. Boulder 2 facing south.



Figure 9. Boulder 3 facing southeast.

NRHP Status

The site boundary for AZ AA:12:418(ASM) has been expanded to include the entire hill, not just the tip (as plotted at the ASM). This site is recommended eligible to the NRHP under Criterion D because it has the potential to provide important information about Archaic and Hohokam communication, symbolism, and ritual activities in the northern Tucson Basin. Additional archaeological investigation is recommended for AZ AA:12:418(ASM) prior to any action that may have an adverse effect on the site.

AZ AA:12:974(ASM)

Field Number: HEG 1

Datum UTM Coordinates (NAD 27, UTM Zone 12):488540E, 3576970N

Site Type: Prehistoric rock art, rock features, and artifact scatter

Cultural/Temporal Affiliation: Archaic, Hohokam

Dimensions: 90 m (295.3 ft) by 55 m (180.4 ft)

NRHP Status: Eligible

Site Description

This site consists of several prehistoric rock art panels, rock features, and a flaked stone scatter located along the top and sides of an igneous rock outcrop (Figure 10 and Figure 11). A small rill is present along the eastern site boundary. Vegetation observed at the site includes creosote, cholla, prickly pear, paloverde, saguaro, and barrel cactus. Elevation is approximately 2,300 ft amsl. Soil within the parcel consists of brown clayey sand overlain by small igneous gravels and cobbles. The site is in good condition. Active erosion is deflating the site surface and exposing the rock outcrop.

AZ AA:12:974(ASM)

488523E
3577050N

488554E
3577045N

488505E
3577026N

Feature 3

Rock Outcrop

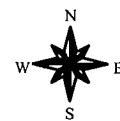
Feature 2

Feature 1

488450E
3576970N

488544E
3576966N

9 0 9 Meters



Western Terminus of Ina Road
Cultural Resource Survey
HEG Project #04-111

Township 13 South
Range 12 East
Section 4
Pima County, Arizona
UTM Zone 12

Scale 1:550

- Site Boundary
- Site Datum
- Feature
- Contour Line
- Drainage



Figure 10. Plan Map of AZ AA:12:974(ASM).

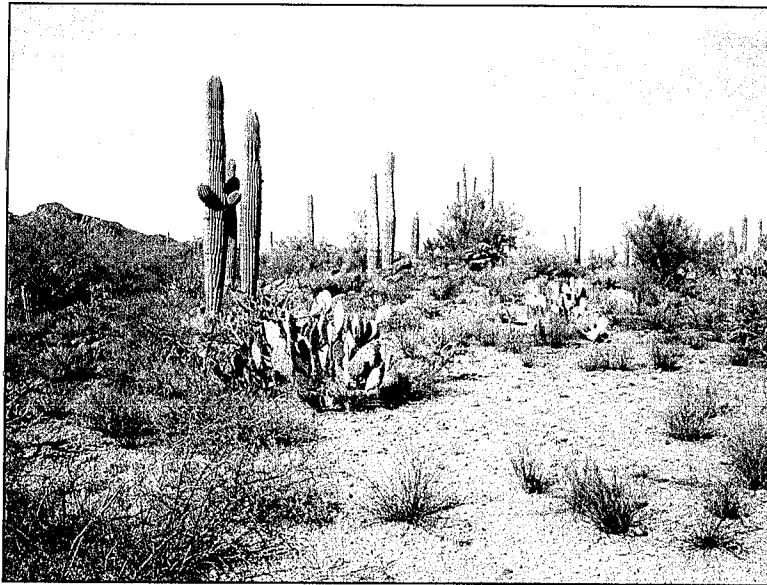


Figure 11. Overview of AZ AA:12:974(ASM) facing northwest.

Artifacts

Approximately 100 flaked stone artifacts are present at the site. All flakes are grey or green rhyolite and all stages of lithic reduction are exhibited. Two green rhyolite cores are also present.

Features

Feature 1 is a rock pile measuring approximately 1 m (3.2 ft), composed of approximately 25 rhyolite cobbles ranging from 10 cm to 20 cm in size (Figure 12). This feature displays partial embedding. Feature 2 is a rock pile located approximately 2.5 m from Feature 1. It measures approximately 1.5 m (4.9 ft) in diameter and is composed of 30 to 35 rhyolite cobbles ranging from 10 cm to 30 cm in size. This feature also displays embedding.



Figure 12. Feature 1, rock pile facing southeast.



Feature 3 consists of three igneous boulders containing five petroglyphs (Figure 13). Rock art at this site includes abstract designs, as well as anthropomorphic and zoomorphic (animal) figures. Both the abstract and human figures are found in the three significant studies of rock art in the area (Ferg 1979; Wallace 1983; White 1965) and exact matches can be found.

Boulder 1 has a deer with its head down (Figure 14), Boulder 2 has a deer with its head up (Figure 15), and Boulder 3 contains a squiggle (possible snake), a circle with lines attached (possible anthropomorphic), and indistinct pecking (Figure 16).



Figure 13. Overview of Feature 3, rock art facing east.



Figure 14. Feature 3, Boulder 1 facing southeast.



Figure 15. Feature 3, Boulder 2 facing east.



Figure 16. Feature 3, Boulder 3 facing southeast.

The deer figures are unique and similar images have not been previously recorded. The depiction of a deer with its head lowered is particularly interesting. While mountain sheep seem to dominate the Tucson Mountain range rock art animal depictions, deer are less frequent. The presence of both geometric patterns and realistic forms, as well as some variety in patination and superimposition, suggests that these sites were used by both Archaic and Hohokam cultures. The Archaic glyphs may date back to 1,000 B.C., while the Hohokam may date to approximately AD. 900-1000.



NRHP Status

AZ AA:12:974(ASM) is recommended eligible to the NRHP under Criterion D because it has the potential to provide important information about Archaic and Hohokam communication, symbolism, and ritual activities in the northern Tucson Basin. Additional archaeological investigation is recommended for AZ AA:12:418(ASM) prior to any action that may have an adverse effect on the site.

AZ AA:12:975(ASM)

Field Number: HEG 2

Datum UTM Coordinates (NAD 27, UTM Zone 12): 488463E, 3577035N

Site Type: Historic artifact scatter

Cultural/Temporal Affiliation: Late Historic period

Dimensions: 26 ft (8 m) by 13 ft (4 m)

NRHP Status: Ineligible

Site Description

This site consists of a late historic-period artifact scatter located near a small rill (Figure 17). Vegetation observed at this site includes creosote, saguaro, and prickly pear. Soil within the parcel consists of brown clayey sand overlain by small igneous gravels and cobbles. The site is in good condition, with minimal disturbance other than erosion. Elevation is approximately 2,300 ft amsl.

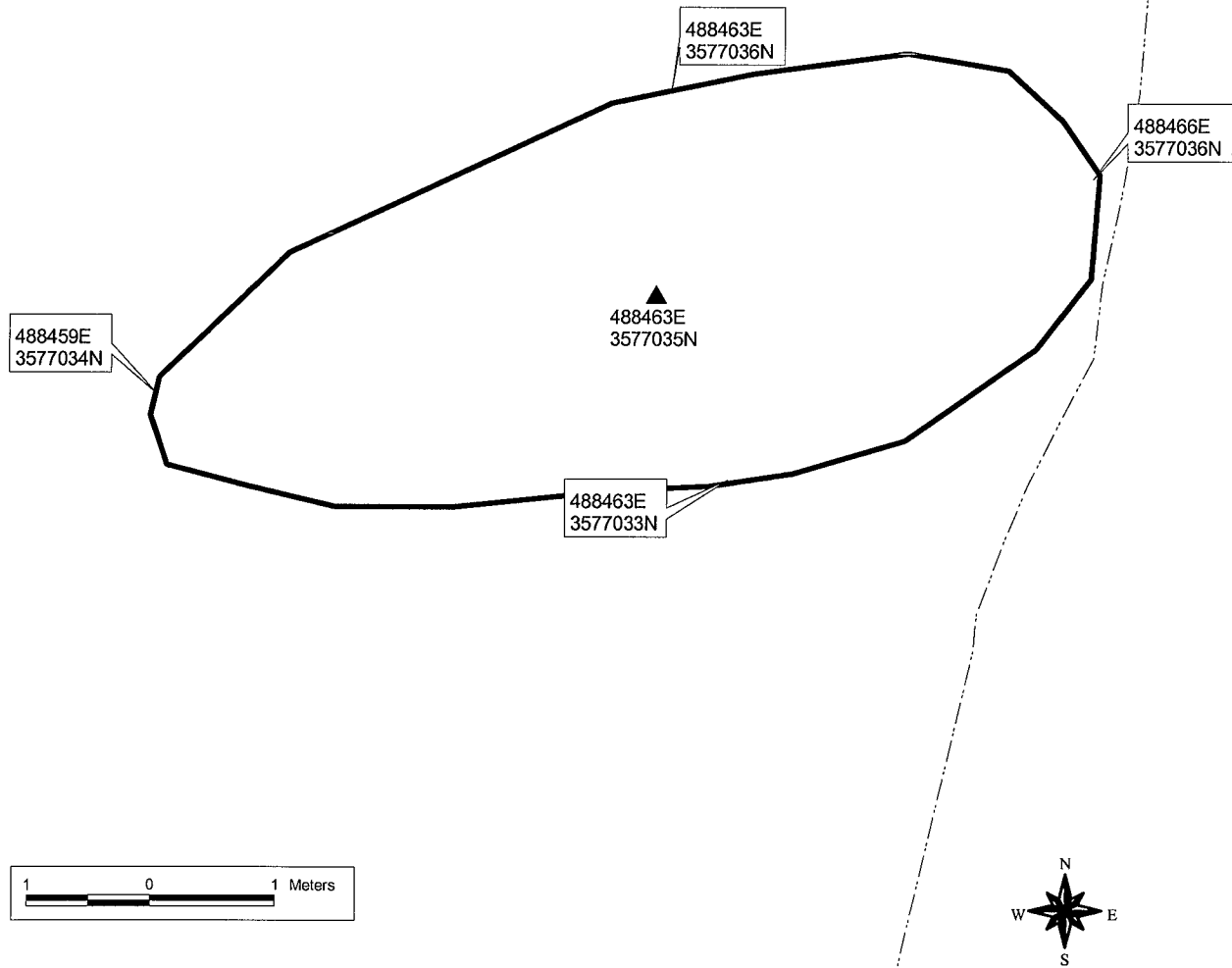
Artifacts

Artifacts observed at the site include approximately 120 glass artifacts, 70 metal artifacts, and five historic ceramics (Table 5). No features were observed at this site.

NRHP Status

AZ AA:12:975(ASM) consists of a small historic-period artifact scatter. Datable artifacts indicate that the artifacts were likely deposited sometime between the 1920s and the 1940s. AZ AA:12:975(ASM) appears to be the result of a single trash dumping episode or short-term campsite. The artifacts are all present on the modern ground surface and no features or evidence of subsurface deposits are present. All significant data was recorded during the present survey and further investigation is unlikely to yield additional information toward elucidating the late historic period in Arizona. Therefore, Harris Environmental recommends AZ AA:12:975(ASM) ineligible for inclusion to the NRHP.

AZ AA:12:975(ASM)



Western Terminus of Ina Road
Cultural Resource Survey
HEG Project #04-111

Township 13 South
Range 12 East
Section 4
Pima County, Arizona
UTM Zone 12

Scale 1:60

Site Boundary
Site Datum
Drainage

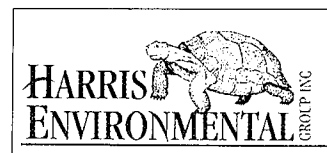


Figure 17. Plan Map of AZ AA:12:975(ASM).

**Table 5.** Artifact assemblage at AZ AA:12:975(ASM).

Artifact Description	Count	Diagnostic/Comments	Date
Ceramics	5	Brown; brown glazed, with buff hand painted decorative lines	Unknown
Glass	About 100	Colorless glass fragments	
Milkglass	1		
Coca Cola bottles	5	3 bottle bases embossed with "Tucson Arizona;" 2 additional fragments	
Flask	1	Fragment containing embossing "Federal Law Forbids Reuse or Sale of this Bottle"	1934 to 1964
Bottle fragment	1	Colorless, embossed "Puerto Rico Distilling Company Abecibo P.R.;" Armstrong Cork Co. Glass Division maker's mark	1938 to 1969
Squibbs bottles	3	Two whole and two bases, colorless, embossed "Squibbs" on shoulder, base embossed "Design Pat. 87401 Bottle made in USA," Brockway Glass Company maker's mark	1933+
Whole bottle	1	Commercial food jar, Hazel Atlas maker's mark	1920 to 1964
Soda bottle	1	Soda bottle base embossed with an Owens-Illinois Glass Company maker's mark, Plant 9, Year 2	1932, 1942, or 1952
Cans	14	10 sanitary cans, 3 paint cans, 1 evaporated milk can, 1 oil can	1930+
Miscellaneous metal	About 50	10 miscellaneous metal fragments, sheet metal, mesh wire, large pile of baling wire measuring 2 m in diameter and 1 m high	Unknown
Whole bottle	1	Colorless, with "Federal Law Forbids Reuse or sale of this Bottle" embossed on base with Owens-Illinois Pacific Coast Co. maker's mark, Plant 104, Year 44	1944

AZ AA:12:976(ASM)**Field Number:** HEG 3**Datum UTM Coordinates (NAD 27, UTM Zone 12):** 488350E, 3577028N**Site Type:** Historic artifact scatter**Cultural/Temporal Affiliation:** Late Historic period**Dimensions:** 16.4 ft (5 m) by 29.5 ft (9 m)**NRHP Status:** Ineligible**Site Description**

This site consists of a late historic-period artifact scatter located (Figure 18 and Figure 19). Vegetation observed at this site includes ironwood, saguaro, and prickly pear. A small rill is present along the western site boundary. Soil within the parcel consists of brown clayey sand overlain by small igneous gravels and cobbles. The site is in good condition; disturbances include the construction of a packrat midden and erosion. Elevation is approximately 2,300 ft amsl.

AZ AA:12:976(ASM)

488350E
3577028N

488355E
3577026N

▲
488351E
3577025N

488347E
3577023N

1 0 1 Meters



Western Terminus of Ina Road
Cultural Resource Survey
HEG Project #04-111

Township 13 South
Range 12 East
Section 4
Pima County, Arizona
UTM Zone 12

Scale 1:60

□ Site Boundary
▲ Site Datum
△ Drainage



Figure 18. Plan Map of AZ AA:12:976(ASM).



Figure 19. Overview of AZ AA:12:976(ASM) facing west.

Artifacts

Artifacts observed at the site include about 120 glass artifacts, 100 metal artifacts, and five historic ceramics (Table 6). All artifacts are deposited near the base of an ironwood tree (see Figure 19). No features were observed at this site.

Table 6. Artifact assemblage at AZ AA:12:976(ASM).

Artifact Description	Count	Diagnostic/Comments	Date
Ceramics	5	1 bright orange mug handle, possibly Fiesta ware by Homer Laughlin, brown glazed sherd	1930+
Glass	100	Mostly colorless	
Cans	100	Lap seam cans of various sizes, fruit cocktail to tomato juice size	
Cans	5	Small evaporated milk cans about 2.5 inches, various dates	1917 to 1985, most likely in the 1940's
SCA	5	3 fragments of bottle base, almost black in color and 2 fragments from ornamental candy dish	1880 to 1920
Amber glass	1	1 body fragment of Sun-colored amber	1914 to 1930
Beer glasses	4	1 base and 3 partially complete, colorless glass	Unknown
Complete condiment jar	1	Owens Illinois maker's mark, Plant 20, Year 2, Plant 20 in production from 1930 to early 1940s	1932 or 1942
Complete condiment jar	1	Embossed with "Best Foods" Owens Illinois maker's mark, Plant 20, Year 1, Plant 20 in production from 1930 to early 1940s	1931 or 1941
Complete whiskey bottle	1	Embossed with "Federal Law Forbids Reuse or Sale of this Bottle" Owens Illinois Pacific Coast Company maker's mark, Plant 101, Year 42	1942
Complete 1 quart spirits bottles	5	Embossed with "Federal Law Forbids Reuse or Sale of this Bottle" also embossed with "Fleischmann's" on shoulder, Anchor Hocking maker's mark	1934 to 1964

**Table 6. (continued).**

Artifact Description	Count	Diagnostic/Comments	Date
Complete drinking glass	1	Colorless, jam/jelly jar that doubles as a drinking glass	Unknown
Brown neck and lip	1	Crown top lip	1892+
Wine bottle	1	Very small 7-Up green bottle with slight kick-up and wine bottle lip, Anchor Hocking maker's mark	1938+

NRHP Status

AZ AA:12:976(ASM) consists of a small historic-period artifact scatter. Datable artifacts indicate that the artifacts were likely deposited sometime between the 1930s and the 1940s. AZ AA:12:976(ASM) appears to be the result of a single trash dumping episode or short-term campsite. The artifacts are all present on the modern ground surface and no features or evidence of subsurface deposits are present. All significant data was recorded during the present survey, and further investigation is unlikely to yield additional information toward elucidating the late historic period in Arizona. Therefore, Harris Environmental recommends AZ AA:12:976(ASM) ineligible for inclusion to the NRHP.

AZ AA:12:977(ASM)

Field Number: HEG 4

Datum UTM Coordinates (NAD 27, UTM Zone 12): 488495E, 3577089N

Site Type: Historic artifact scatter

Cultural/Temporal Affiliation: Late Historic period

Dimensions: 14.8 ft (4.5 m) by 27.9 ft (8.5 m)

NRHP Status: Ineligible

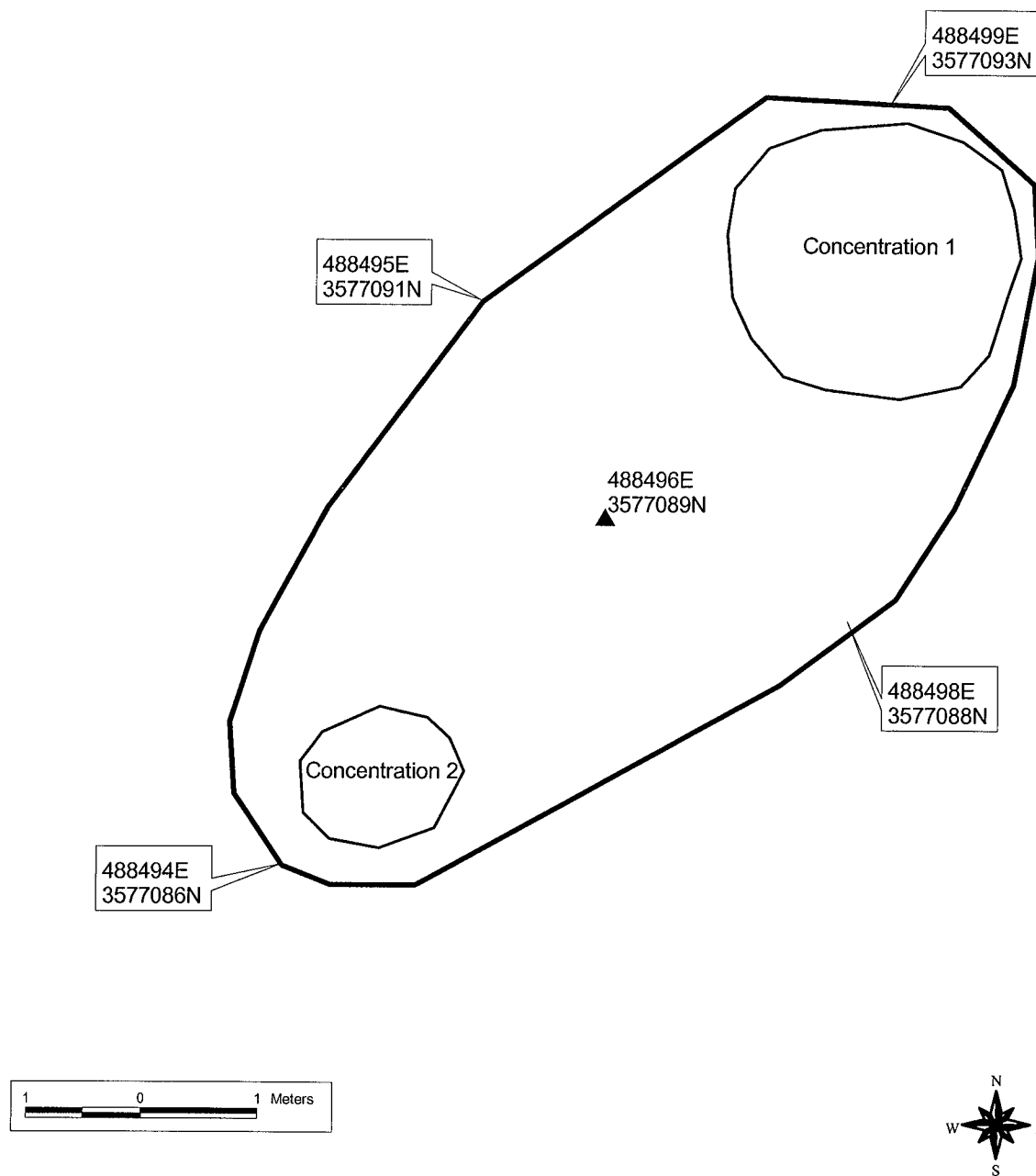
Site Description

This site consists of a late historic-period artifact scatter (Figure 20). Vegetation observed at this site includes saguaro, prickly pear, and creosote. Soil within the parcel consists of brown clayey sand overlain by small igneous gravels and cobbles. The site is in good condition, with minimal disturbance other than erosion. Elevation is approximately 2,300 ft amsl.

Artifacts

Artifacts observed at the site include about 160 glass artifacts and 30 metal artifacts (Table 7), including one crown top lip with a twisted wire cap (Figure 21). Artifacts were grouped into two separate concentrations. No features were observed at this site.

AZ AA:12:977(ASM)



Western Terminus of Ina Road
Cultural Resource Survey
HEG Project #04-111

Township 13 South
Range 12 East
Section 4
Pima County, Arizona
UTM Zone 12

Scale 1:60

- Site Boundary
- Site Datum
- Artifact Concentration



Figure 20. Plan Map of AZ AA:12:977(ASM).

**Table 7.** Artifact assemblage at AZ AA:12:977(ASM).

Artifact Description	Count	Diagnostic/Comments	Date
Site overview			
Glass	150	Colorless and brown glass fragments	
Cans	31	5 evaporated milk cans, 2 sardine, 1 Bandaid can or tobacco tin, 8 sanitary cans, 15 can lids	
Concentration 1			
Glass	100	Brown and colorless fragments	
Bottle base	1	Owens Illinois maker's mark, Plant 7, Year 1, colorless glass	1931, 1941, or 1951
Glass tumbler	1	Anchor Hocking maker's mark, colorless glass	1938+
Flask	1	Half pint flask, Owens Illinois Pacific Coast Company maker's mark, Year 40, colorless	1940
Bottle base	1	Owens Illinois maker's mark, Plant 9, Year 8	1938 or 1948,
Flask	1	Embossed with "Federal Law Forbids Reuse or sale of this Bottle," colorless	1934 to 1964
Bottle shoulder	1	Cursive Coors on colorless bottle shoulder	Unknown
Bottle base	1	Hazel Atlas maker's mark	1920 to 1964
Medicine bottle	1	Brown screw top medicine bottle	Unknown
Bottle base	1	Brown glass, Glass Containers, Inc. maker's mark	1945+
Metal		Wire	
Concentration 2			
Neck and lip	1	Crown top lip with twisted wire cap (see Figure 21)	1892+
Milkglass	5		
Cans	1	Sanitary can	

**Figure 21.** Crown top lip with a twisted wire cap.**NRHP Status**

AZ AA:12:977(ASM) consists of a small historic-period artifact scatter. Datable artifacts suggest that the artifacts were likely deposited sometime between the 1930s and the 1940s. AZ



AA:12:977(ASM) appears to be the result of a single trash dumping episode or short-term campsite. The artifacts are all present on the modern ground surface and no features or evidence of subsurface deposits are present. All significant data was recorded during the present survey and further investigation is unlikely to yield additional information toward elucidating the late historic period in Arizona. Therefore, Harris Environmental recommends AZ AA:12:977(ASM) ineligible for inclusion to the NRHP.

AZ AA:12:978(ASM)

Field Number: HEG 5

Datum UTM Coordinates (NAD 27, UTM Zone 12): 488357E, 3577219N

Site Type: Historic artifact scatter

Cultural/Temporal Affiliation: Late Historic period

Dimensions: 65.6 ft (20 m) by 26.2 ft (8 m)

NRHP Status: Ineligible

Site Description

This site consists of a late historic-period artifact scatter located in a densely vegetated area (Figure 22 and 23). Vegetation observed at this site includes saguaro, creosote, prickly pear, barrel cactus, palo verde, and cholla. Soil within the parcel consists of brown clayey sand overlain by small igneous gravels and cobbles. The site is in good condition, with minimal disturbance other than erosion. Elevation is approximately 2,300 ft amsl.

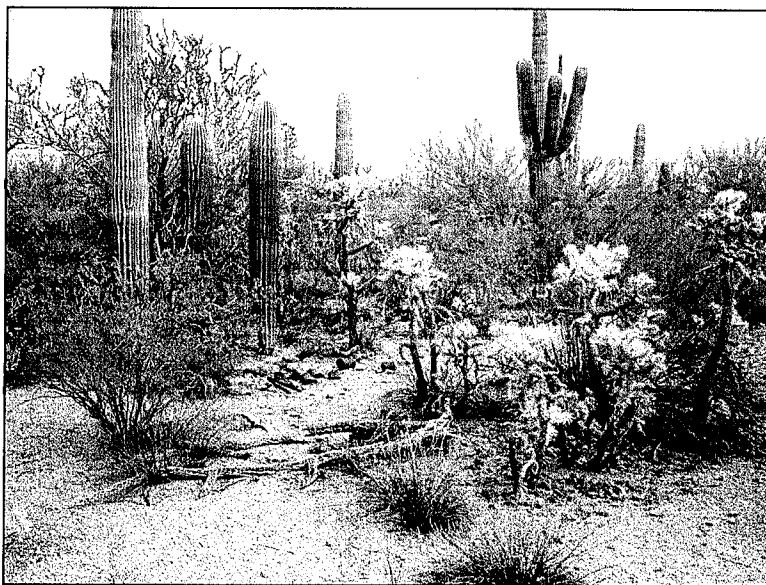
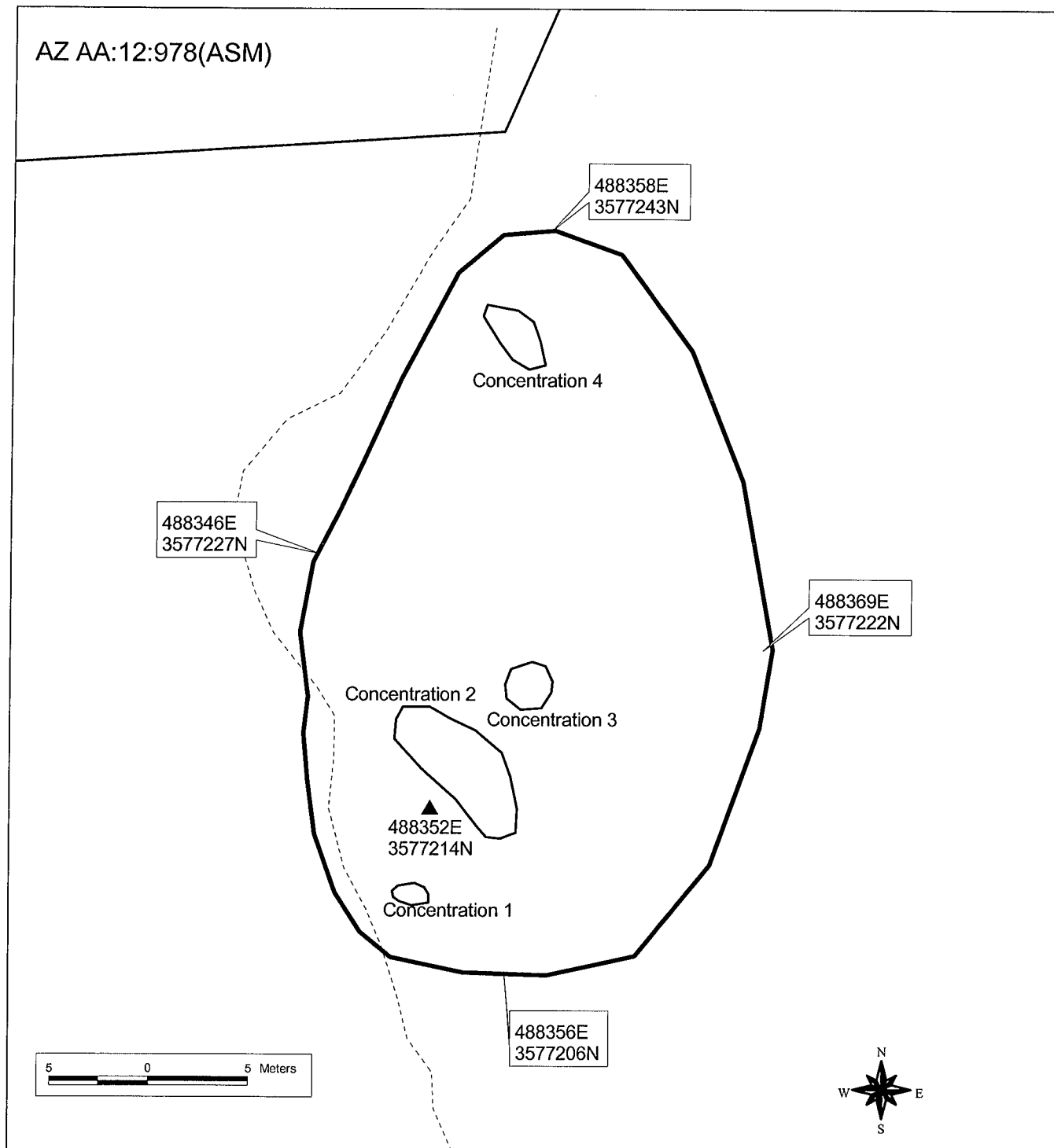


Figure 22. Overview of AZ AA:12:978(ASM) facing northwest.

Artifacts

Artifacts observed at the site include approximately 550 glass artifacts, 200 metal artifacts, 10 fragments of milled lumber, one historic ceramic (Table 8). Artifacts are deposited in four separate artifact concentrations (Figure 24, Figure 25, Figure 26, and Figure 27). No features were observed at this site.

AZ AA:12:978(ASM)



Western Terminus of Ina Road
Cultural Resource Survey
HEG Project #04-111

Township 13 South
Range 12 East
Section 4
Pima County, Arizona
UTM Zone 12

Scale 1:300

- Site Boundary
- Site Datum
- Artifact Concentration
- Foot Path
- Project Area Boundary



Figure 23. Plan Map of AZ AA:12:978(ASM).

**Table 8.** Artifact assemblage at AZ AA:12:977(ASM).

Artifact Description	Count	Diagnostic/Comments	Date
Site overview			
Ceramic	1	Small white porcelain insulator	Unknown
Glass	500	Bottle glass and window pane, colorless, brown, aqua, green	
Cans	100	Sanitary cans, paint, tobacco tins, small paint, evaporated milk cans	
Metal	100	Miscellaneous metal fragments, metal barrel, barbed wire, baling wire, ¼ inch screen, mule shoe, metal disc	
Wood	10	Milled lumber, fence posts	
Concentration 1 (see Figure 24)			
Metal		Screen fragment (¼ inch), wire, metal barrel, duct pipe fragments	
Cans	8	Sanitary cans of various sizes	
Glass	100	Six screw top lips, window pane, colorless	
Bottle base	1	1 colorless, Glass Containers, Inc. maker's mark	1945+
Bottle base	1	Colorless, Owens Illinois maker's mark, Plant 23, Year 9, Plant 23 starts production around 1950	1949
Bottle base	3	Colorless, Latchford Glass Company maker's mark, Embossed with "Franzia Brothers Winery; Refilling Prohibited"	1957+
Concentration 2 (see Figure 25)			
Cans	4	Four sanitary cans, 1 paint can,	
Metal/Wood		Discarded fence posts with barbed wire and other wire, screen fragment (¼ inch)	
Glass	100	Aqua, colorless, brown, green, screw tops, aqua ball canning jar	
Bottle base	1	Brown, Obear-Nester Glass Company maker's mark	1915+
Bottle base	2	Colorless, Owens Illinois maker's mark, Plant 20, Year 3, Plant 20 in production from 1930 to early 1940s	1933 or 1943
Bottle base	1	Brown, embossed "Half Pint" and cursive "Ball" Ball Brothers Company	1919 to 1969
Bottle base	1	Green, embossed "Roma Wine Co. Inc. Fresno, Calif" Owens Illinois maker's mark, Plant 23, Year 1, Plant 23 starts production around 1950	1951
Bottle base	1	Colorless, Hazel Atlas maker's mark	1920 to 1964
Concentration 3 (see Figure 26)			
Metal	50	Miscellaneous metal fragments	
Cans	20	10 sanitary cans, 3 evaporated milk, lids, 5 tobacco tins, 2 small paint cans	
Glass	300	Green, colorless, aqua, brown, screw tops	
Complete bottles	5	1 quart green, Owens Illinois maker's mark, Plant 20, Year 1, Plant 20 in production from 1930 to early 1940s	1931 or 1941
Complete bottle	1	1 quart green, embossed "Cliquot Club" on base, Owens Illinois maker's mark, Plant 23, Year 0, Plant starts production about 1950	1950
Complete bottle	1	Green, embossed "Roma Wine Co., Fresno, Calif" Latchford-Marble Glass Company maker's mark	1939 to 1957



Table 8. (continued).

Artifact Description	Count	Diagnostic/Comments	Date
Bottle base	1	Green, Owens Illinois Pacific Coast Company maker's mark, Plant 65, Year 43	1943
Bottle base	1	Colorless, Armstrong Cork Company, Glass Division maker's mark	1938 to 1969
Bottle fragment	1	7-Up, applied-color label	1930+
Bottle base	1	Colorless, Hazel Atlas maker's mark	1920 to 1964
Button	1	4-hole mother of pearl button	Unknown
Vase		Patterned colorless glass fragments, possibly from a vase	Unknown
Bottle base	1	Colorless Owens Illinois maker's mark, Year 1	1931, 1941, or 1951
Mule shoe	1		
Sprinkler head	1		
Concentration 4 (see Figure 27)			
Ceramic	1	Small, white porcelain insulator attached to fencing wire	
Metal/wood	10	Discarded wooden post with barbed wire and electric wire fencing, metal disk, large pile of baling wire	
Sprayer	1	Metal insecticide sprayer	Unknown



Figure 24. Concentration 1 facing east.



Figure 25. Concentration 2 facing southeast.

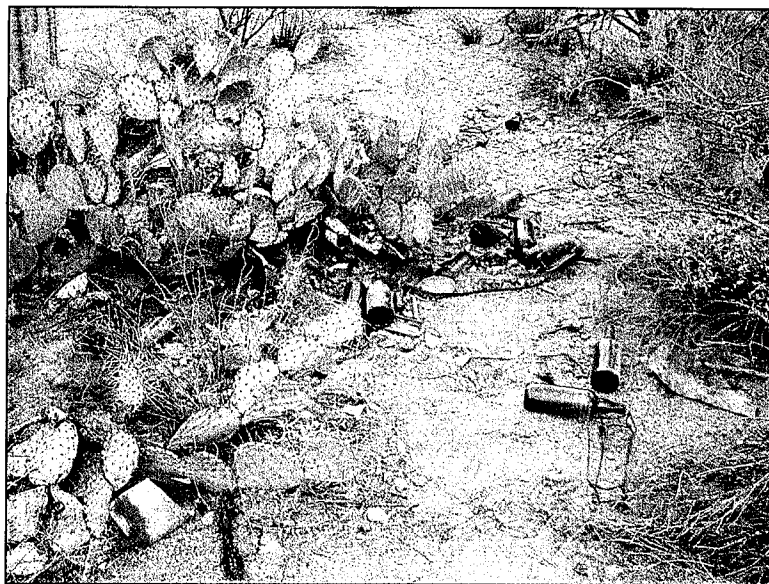


Figure 26. Concentration 3 facing northeast.



Figure 27. Concentration 4 facing southeast.

NRHP Status

AZ AA:12:978(ASM) consists of a small historic-period artifact scatter. Datable artifacts suggest that the artifacts were likely deposited sometime between the 1930s and the 1940s. AZ AA:12:978(ASM) appears to be the result of a single trash dumping episode or short-term campsite. The artifacts are all present on the modern ground surface and no features or evidence of subsurface deposits are present. All significant data was recorded during the present survey, and further investigation is unlikely to yield additional information toward elucidating the late historic period in Arizona. Therefore, Harris Environmental recommends AZ AA:12:978(ASM) ineligible for inclusion to the NRHP.

AZ AA:12:979(ASM)

Field Number: HEG 6

Datum UTM Coordinates (NAD 27, UTM Zone 12): 488538E, 3577259N

Site Type: Historic artifact scatter

Cultural/Temporal Affiliation: Late Historic period

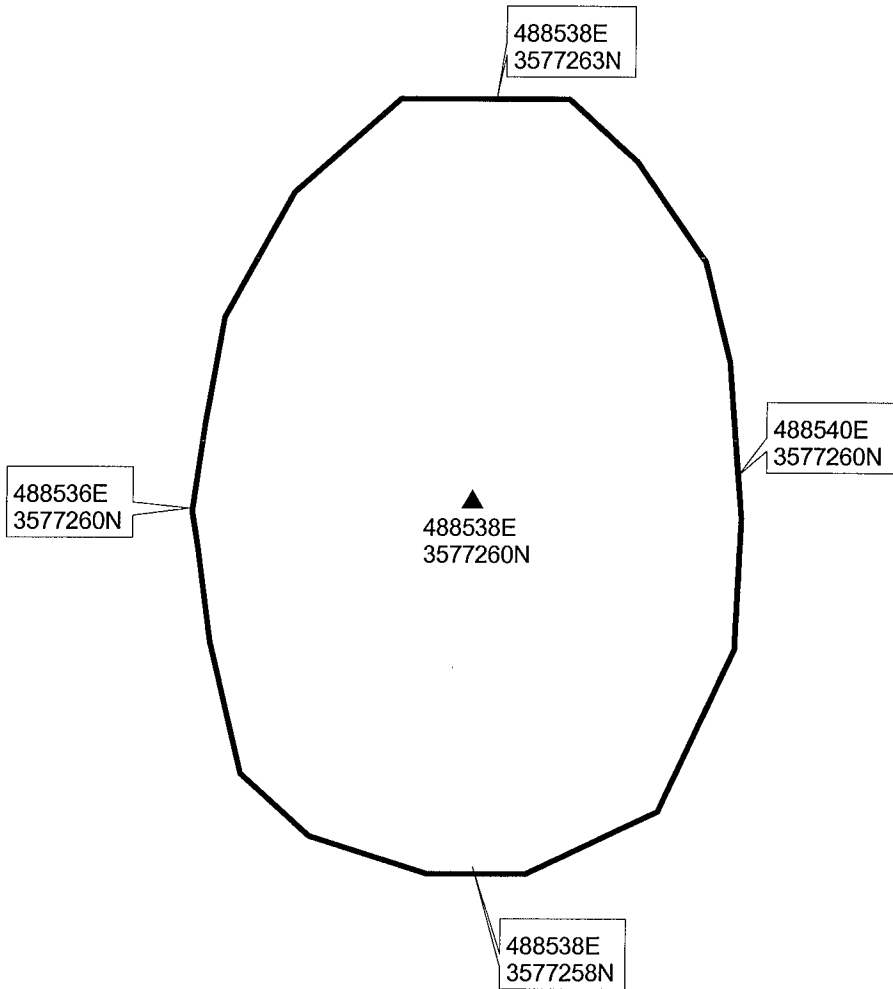
Dimensions: 16.4 ft (5 m) by 9.8 ft (3 m)

NRHP Status: Ineligible

Site Description

This site consists of a late historic-period artifact scatter (Figure 28 and Figure 29). Vegetation observed at this site includes paloverde, brittlebush, creosote, and Christmas cholla. Soil within the parcel consists of brown clayey sand overlain by small igneous gravels and cobbles. The site is in good condition with minimal disturbance other than erosion. Elevation is approximately 2,300 ft amsl.

AZ AA:12:979(ASM)



Western Terminus of Ina Road
Cultural Resource Survey
HEG Project #04-111

Township 13 South
Range 12 East
Section 4
Pima County, Arizona
UTM Zone 12

Scale 1:50

□ Site Boundary
▲ Site Datum



Figure 28. Plan Map of AZ AA:12:979(ASM).



Figure 29. Overview of AZ AA:12:979(ASM) facing east.

Artifacts

Artifacts observed at the site include about 160 glass artifacts, 30 metal artifacts, and three ceramics (Table 9). All artifacts are deposited near the base of a paloverde tree (see Figure 29). No features were observed at this site.

Table 9. Artifact assemblage at AZ AA:12:979(ASM).

Artifact Description	Count	Diagnostic/Comments	Date
Glass	150	100 brown, 50 colorless, 2 aqua	
Metal	30	Baling wire, crown top lids, razor blade, mop head, miscellaneous metal fragments, nails	
Ceramics	3	Possible Mexican fiesta wares	1940 to 1950s
Purex fragments	2	Base and shoulder fragments, impressed with PUREX, Latchford Glass Company maker's mark	1957+
Squibbs bottle	2	Colorless fragments, Brockway Glass Company maker's mark	1933+
Applied-color labels	2	Fragments from two soda bottles	1930+
Bottle base	1	Owens Illinois maker's mark, Plant 1, Year 3, Plant 1 in production in the 1930s	1933

NRHP Status

AZ AA:12:979(ASM) consists of a small historic-period artifact scatter. Datable artifacts indicate that the artifacts were likely deposited sometime between the 1930s and the 1940s. AZ AA:12:979(ASM) appears to be the result of a single trash dumping episode or short-term campsite. The artifacts are all present on the modern ground surface and no features or evidence of subsurface deposits are present. All significant data was recorded during the present survey, and further investigation is unlikely to yield additional information toward elucidating the late historic period in Arizona. Therefore, Harris Environmental recommends AZ AA:12:979(ASM) ineligible for inclusion to the NRHP.



MANAGEMENT RECOMMENDATION

Seven archaeological sites (one previously recorded site and six newly recorded sites) and 15 isolated artifact occurrences were identified within the APE. The IOs are not considered significant and additional work is not recommended for them. Five of the archaeological sites, AZ AA:12:975(ASM), AZ AA:12:976(ASM), AZ AA:12:977(ASM), AZ AA:12:978(ASM), and AZ AA:12:979(ASM), are recommended ineligible to the NRHP. These five sites have low potential for subsurface deposits and further investigation is unlikely to yield significant information about late historic-period activities in the Tucson basin. No additional archaeological work is recommended for these five sites.

The remaining two sites, AZ AA:12:418(ASM) and AZ AA:12:974(ASM), are recommended eligible to the NRHP. The preparation of an archaeological treatment plan is recommended to facilitate additional investigations at these two sites. Additional investigations may include further recordation of the rock art and collection of surface artifacts at both sites, as well as the placement of test pits and excavation of the two rock features at AZ AA:12:974(ASM). Treatment also may include the creation of an educational exhibit to be located in a community area showcasing the prehistoric and historic heritage of this area.

If human remains are discovered during any ground disturbing activities, all activity in the vicinity of the discovery must cease and the ASM and a qualified archaeologist shall be notified pursuant to A.R.S. §41-865.

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