



Table 6.32. Artifacts Observed at Site 39FA1885.

| Number | Artifact Type         | Material            | Colors  | Comments                         |
|--------|-----------------------|---------------------|---|----------------------------------|
| 1      | Primary flake         | Chert               | Purple  | Retouched                        |
| 1      | Primary flake         | Quartzite           | Brown   | Retouched                        |
| 2      | Secondary flake       | Quartzite           | Gray, light gray                                  | One retouched                    |
| 3      | Secondary flake       | Chalcedony          | Brown   |                                  |
| 21     | Tertiary flake        | Chalcedony          | Gray, light gray, dark gray, brown-gray, white    | Two retouched                    |
| 5      | Tertiary flake        | Chert               | Dark purple, pink-gray, pale red, tan-gray, white | One retouched                    |
| 3      | Tertiary flake        | Quartzite           | Gray  |                                  |
| 1      | Tertiary flake        | Quartzite           | Pale yellowish brown                              | Collected; catalog #10-36-4      |
| 1      | Tertiary flake        | Silicified sediment | Gray  | Retouched and use wear (scraper) |
| 1      | Projectile point base | Quartzite           | Pinkish gray                                      | Collected; catalog #10-36-2      |
| 1      | Biface base           | Quartzite           | Moderate brown                                    | Collected; catalog #10-36-3      |
| 1      | Biface                | Quartzite           | Purple  | Pebble                           |
| 1      | Biface                | Unknown             | Gray-brown  | With use wear (scraper)          |
| 1      | Thumb scraper         | Chert               | Unknown   |                                  |
| 1      | Core                  | Quartzite           | Tan   | Expended                         |
| 3      | Core                  | Chert               | Purple, yellow-gray, gray                         |                                  |
| 1      | Core                  | Chalcedony          | Pink-white  | Expended                         |
| 1      | Spokeshave            | Chert               | Unknown   |                                  |
| 1      | Tested pebble         | Unknown             | Unknown   |                                  |
| 1      | Tested cobble         | Chalcedony          | Gray  |                                  |
| 1      | Shatter               | Quartzite           | Pink  |                                  |
| 1      | Shatter               | Chert               | Banded tan-gray                                   |                                  |

The artifacts collected from site 39FA1885 include one projectile point fragment, a biface base, and a flake. The projectile point specimen is the base of a pinkish gray quartzite stemmed point with a concave basal margin (catalog number 10-36-2; Figure 6.188). The stem (haft) is slightly contracting. It is 16.5 mm long and 15.5 mm wide. Only a small portion of the blade element remains. The temporal assignment of this point cannot be made with a great deal of certainty; however, it most closely resembles late Paleoindian forms such as Lovell or Pryor Stemmed (Husted 1969) or perhaps Duncan-Hanna types associated with the Middle Archaic McKean complex (Wheeler 1954).

The biface base is made of moderate brown quartzite. It is 30.7 mm long (broken), 30.4 mm wide, and 7.8 mm thick, with a somewhat pointed base (catalog number 10-36-3; Figure 6.189). A small, pale yellowish brown quartzite tertiary flake was retrieved from Shovel Test 1 (ST1) (catalog number 10-36-4).

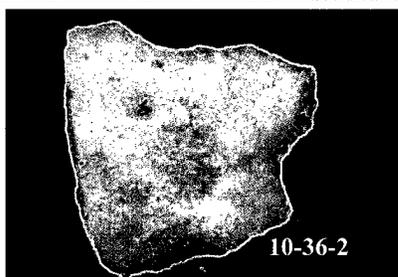


Figure 6.188. View of projectile point base (catalog number 10-36-2) collected from site 39FA1885.

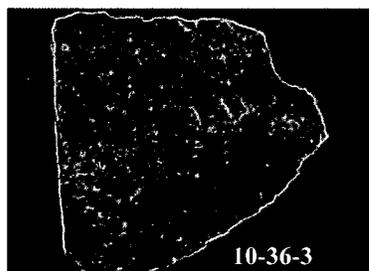


Figure 6.189. View of biface base (catalog number 10-36-3) collected from site 39FA1885.

### 6.36.3 Subsurface Tests

One shovel test (ST1) was excavated on site 39FA1885 to investigate the soil profile and assess the potential for intact soil. One pale yellowish brown quartzite tertiary flake was recovered from 0-10 cmbs in ST1. A description of the soil profile of ST1 is presented in Table 6.33.

Table 6.33. Soil Profile of ST1, Site 39FA1885.

| Number | Depth (cmbs) | Description  | Results           |
|--------|--------------|--|-------------------|
| ST1    | 0-10         | Silty clay, loose/friable; A horizon; 10YR 4/4, dark yellowish brown | Positive; 1 flake |
|        | 10-22        | Silty clay; blocky peds; moisture drops off                          | Negative          |
|        | 22-30        | Clay; large blocky peds; carbonates and rusty skins                  | Negative          |

### 6.36.4 Interpretation and Recommendations

Site 39FA1885 represents a Native American artifact scatter. Results of the shovel test indicate the presence of at least a shallow (0-10 cm) intact A horizon. This suggests that there is a moderate potential for intact subsurface cultural materials or features.

The NRHP eligibility status of site 39FA1885 is considered under Criterion D of the NRHP, that is, having yielded, or having the potential to yield, information important in prehistory or history (NPS 1991:37). The NRHP eligibility status of site 39FA1885 could not be definitively determined within the scope of the current investigation. ALAC recommends further evaluation of the site consisting of additional subsurface testing to assess the potential for significant intact buried materials in currently untested portions of the site.



## 6.37 SITE 39FA1886

**Site Number:** 39FA1886  
**Site Name:** N/A  
**Site Type:** Artifact Scatter  
**Cultural Affiliation:** Native American  
**Site Area:** .38 ha  
**Landscape Position:** Rolling Plain

**Field Number:** 10-36B  
**Elevation (in m):** 1,109  
**Site Condition:** Disturbed  
**Subsurface Testing:** N/A  
**Appendix D Map Reference:** D-2  
**NRHP Recommendation:** Not Eligible

### 6.37.1 Site Description

Site 39FA1886 (Figures 6.190 and 6.191) is a very sparse Native American artifact scatter. The site area measures 85 m N-S x 79 m E-W. The site is situated on a severely eroded/deflated plain in sparse short grass pasture. Visibility in the site area averages 50 percent.



Figure 6.190. Overview of site 39FA1886, facing southwest.

### 6.37.2 Artifact and Feature Inventory

Artifacts observed include a secondary flake, a tertiary flake, and two projectile point fragments. Table 6.34 details the artifacts identified. No additional artifacts or cultural features were observed. The projectile point tip was collected from site 39FA1886.

Table 6.34. Artifacts Observed at Site 39FA1886.

| Number | Artifact Type        | Material | Colors         | Comments                         |
|--------|----------------------|----------|----------------|----------------------------------|
| 1      | Secondary flake      | Chert    | Purple         |                                  |
| 1      | Tertiary flake       | Chert    | Purple         |                                  |
| 1      | Projectile point tip | Chert    | Very dusky red | Tip; collected; catalog #10-36-1 |
| 1      | Projectile point     | Chert    | Reddish brown  | midsection                       |

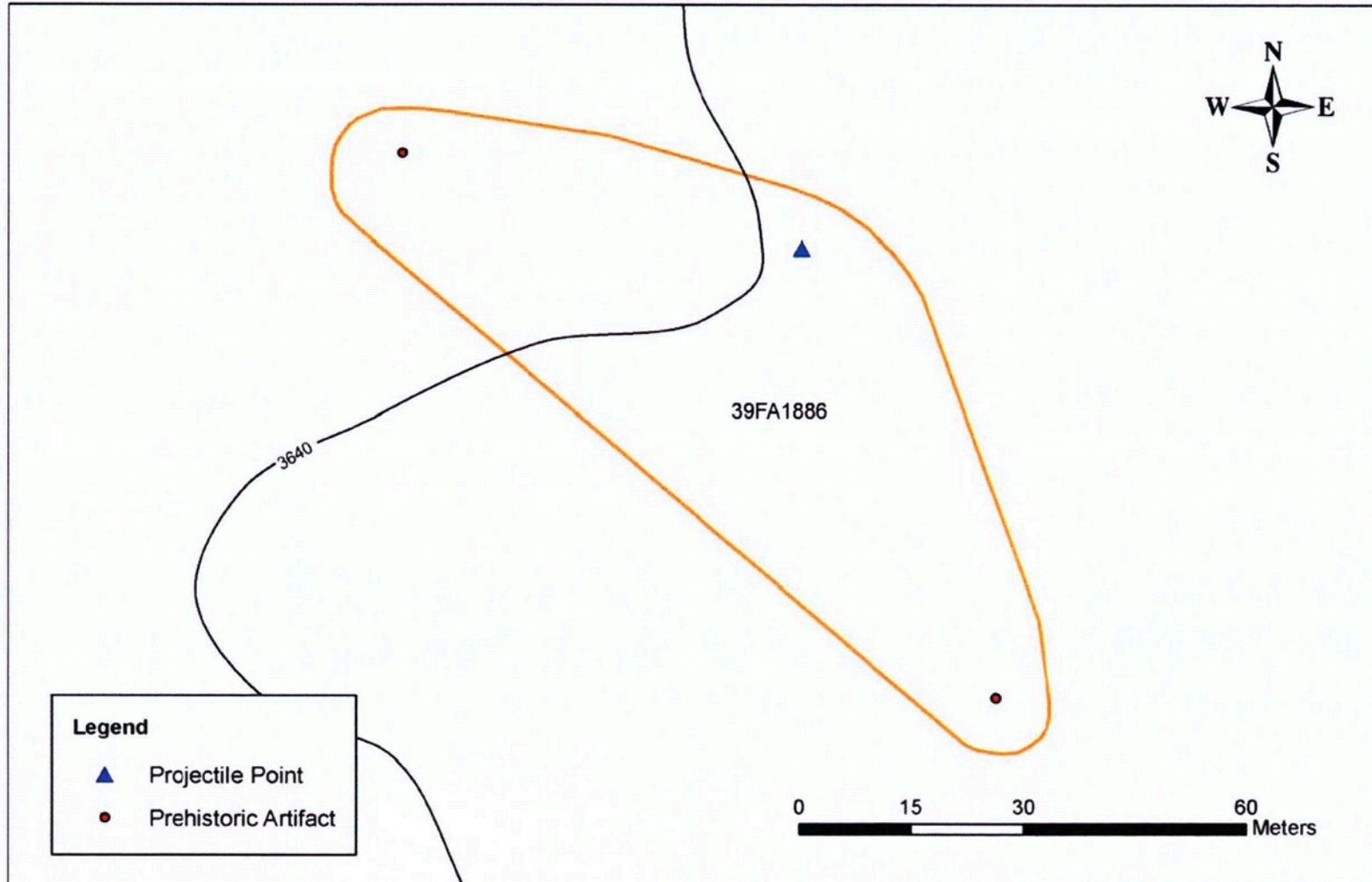


Figure 6.191. Plan view of site 39FA1886.



The collected projectile point specimen is a non-diagnostic blade tip made of a very dusky red Hartville Uplift chert (catalog number 10-36-1; Figure 6.192). It is 17.2 mm long, 14.2 mm wide, and 4.2 mm thick, with straight margins.

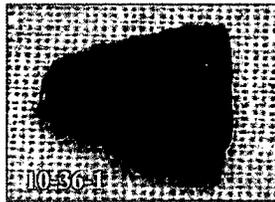


Figure 6.192. View of projectile point tip (catalog number 10-36-1) collected from site 39FA1886.

### 6.37.3 Interpretation and Recommendations

Site 39FA1886 represents a very sparse Native American artifact scatter. The site is situated on a severely eroded/deflated plain.

The NRHP eligibility status of site 39FA1886 is considered under Criterion D of the NRHP, that is, having yielded, or having the potential to yield, information important in prehistory or history (NPS 1991:37). The site lacks diagnostic or datable materials and cannot be evaluated in a specific historic context. The integrity of the site has been compromised by erosion. The severe erosion of the landform on which the site is located indicates no potential for intact subsurface cultural deposits or features. This suggests that the site does not possess the potential to yield datasets capable of addressing specific research questions that would further our collective understanding of prehistoric cultures in the area. Site 39FA1886 does not satisfy the specifications set forth in Criterion D of the NRHP (NPS 1991:37). ALAC recommends that this site be considered not eligible for listing on the NRHP. No further work is recommended.

### 6.38 SITE 39FA1887

**Site Number:** 39FA1887  
**Site Name:** N/A  
**Site Type:** Artifact Scatter  
**Cultural Affiliation:** Native American  
**Site Area:** 1.9 ha  
**Landscape Position:** Rolling Plain

**Field Number:** 10-40, 3-82  
**Elevation (in m):** 1,117  
**Site Condition:** Disturbed  
**Subsurface Testing:** N/A  
**Appendix D Map Reference:** D-2  
**NRHP Recommendation:** Unevaluated

#### 6.38.1 Site Description

Site 39FA1887 (Figures 6.193 and 6.194) is a Native American artifact scatter. The site area measures 162 m N-S x 188 m E-W. The site is situated on a terrace above an unnamed intermittent tributary of Pass Creek. Vegetation in the site area is short grass, prickly pear, and sagebrush. Visibility in the site area averages 75 percent. The artifacts appear to be eroding out of an intact terrace remnant.

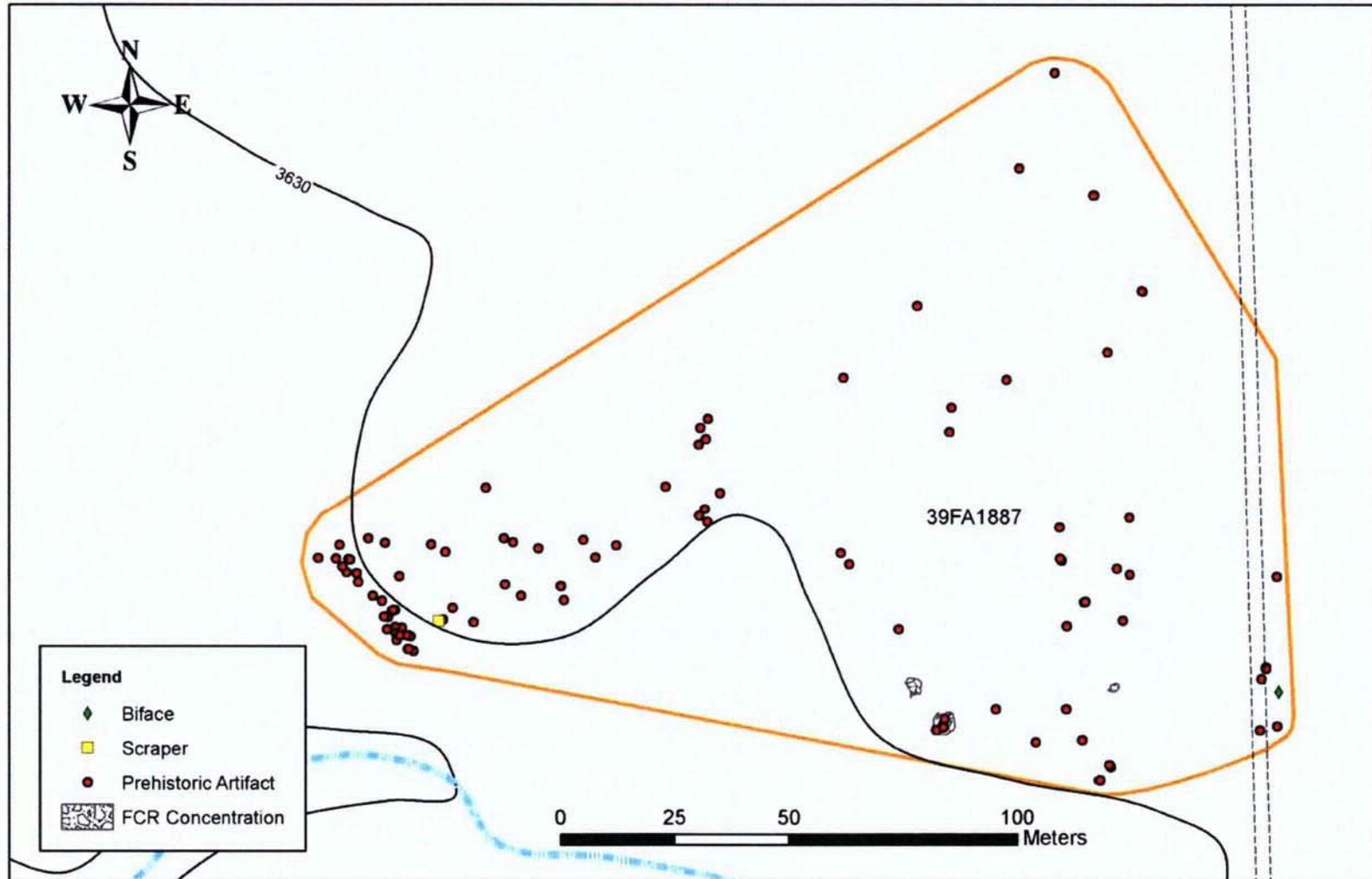


Figure 6.193. Plan view of site 39FA1887.



Figure 6.194. Overview of site 39FA1887, facing south.

### 6.38.2 Artifact and Feature Inventory

Artifacts observed include flakes (primary, secondary, and tertiary), retouched/utilized flakes, shatter, FCR, tested cobbles/pebbles, a drill, and two scrapers. Table 6.35 details the artifacts identified.

Table 6.35. Artifacts Observed at Site 39FA1887.

| Number | Artifact Type   | Material            | Colors   | Comments                    |
|--------|-----------------|---------------------|--|-----------------------------|
| 4      | Primary flake   | Chert               | Reddish gray, gray, mottled gray-tan, pink-gray  |                             |
| 1      | Primary flake   | Quartzite           | Dark red   |                             |
| 2      | Primary flake   | Chalcedony          | Light gray   |                             |
| 1      | Primary flake   | Silicified wood     | Light gray-white   |                             |
| 3      | Secondary flake | Quartzite           | Pink-tan, gray   |                             |
| 3      | Secondary flake | Chalcedony          | Light gray, brown  |                             |
| 1      | Secondary flake | Chert               | Banded gray-tan-red  |                             |
| 1      | Secondary flake | Silicified sediment | Gray   |                             |
| 25     | Tertiary flake  | Chert               | White, grayish purple, tan-gray, gray-pale yellow, dark gray, gray, dark gray, red-gray, red, tan, light tan, banded brown-pale yellow, brown, banded red-brown, pink-gray | One utilized, two retouched |



Table 6.35 (continued).

| Number | Artifact Type  | Material             | Colors  | Comments                    |
|--------|----------------|----------------------|---|-----------------------------|
| 13     | Tertiary Flake | Chalcedony           | Light gray, gray, brown-gray, white, purple, mottled tan-pale yellow                | One retouched, one utilized |
| 13     | Tertiary Flake | Quartzite            | Gray, dark gray, red, purple, brown-tan, tan, light gray, dark brown, white, purple |                             |
| 1      | Tertiary Flake | Quartz               | Clear   |                             |
| 1      | Scraper        | Chalcedony           | Mottled red and brown   | Crude                       |
| 1      | Scraper        | Chert                | Light gray  |                             |
| 1      | Drill          | White River silicate | Grayish red-purple  | Collected; catalog # 3-82-1 |
| 6      | Shatter        | Chert                | Light green, gray, light gray, white, red-gray                                      |                             |
| 2      | Shatter        | Quartzite            | Gray, tan   |                             |
| 7      | Shatter        | Chalcedony           | Light gray, brown, pink-gray, banded brown-white-tan                                |                             |
| 7      | FCR            | Unknown              | Unknown   |                             |
| 1      | Tested Pebble  | Quartz               | Clear   |                             |
| 1      | Tested Pebble  | Chert                | Tan-gray  |                             |
| 1      | Tested cobble  | Chalcedony           | Light gray  |                             |

One artifact was collected from site 39FA1887. The specimen is the base of a chipped stone, T-shaped drill made of grayish red-purple White River group silicate. There are traces of patination on one surface (catalog number 3-82-1; Figure 6.195). The base of the drill is concave, with sloping shoulders and converging straight blade margins. It is estimated that about one-half of the blade is missing. The drill is 20.5 mm wide and 5.05 mm thick. The haft element is 10.75 mm long and the remainder of the blade is 11.45 mm long.

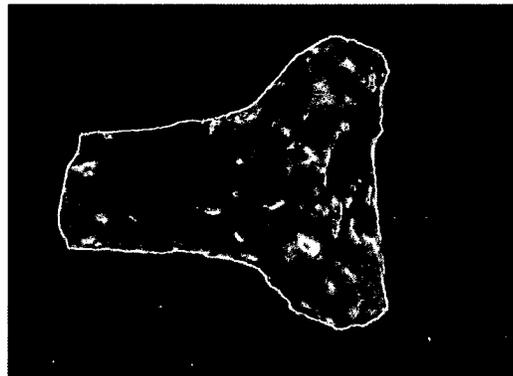


Figure 6.195. View of drill (catalog number 3-82-1) collected from site 39FA1887.



### 6.38.3 Interpretation and Recommendations

Site 39FA1887 represents a Native American artifact scatter. The artifacts are eroding out of an intact terrace remnant, and there appears to be potential for subsurface cultural materials within the site area.

The NRHP eligibility status of site 39FA1887 is considered under Criterion D of the NRHP, that is, having yielded, or having the potential to yield, information important in prehistory or history (NPS 1991:37). The NRHP eligibility status of site 39FA1887 could not be definitively determined within the scope of the current investigation. ALAC recommends additional evaluation of the prehistoric component of this site consisting of subsurface testing to assess the potential for significant subsurface cultural deposits.

### 6.39 SITE 39FA1888

**Site Number:** 39FA1888  
**Site Name:** N/A  
**Site Type:** Artifact Scatter  
**Cultural Affiliation:** Native American  
**Site Area:** .88 ha  
**Landscape Position:** Rolling Plain

**Field Number:** 10-41  
**Elevation (in m):** 1,107  
**Site Condition:** Disturbed  
**Subsurface Testing:** N/A  
**Appendix D Map Reference:** D-2  
**NRHP Recommendation:** Not Eligible

#### 6.39.1 Site Description

Site 39FA1888 (Figures 6.196 and 6.197) is a sparse Native American artifact scatter. The site area measures 111 m N-S x 176 m E-W. The site is situated on a severely eroded plain with no intact topsoil. Vegetation consists of short grass and scrub brush. Visibility in the site area averages 75 percent.



Figure 6.196. Overview of site 39FA1888, facing north.

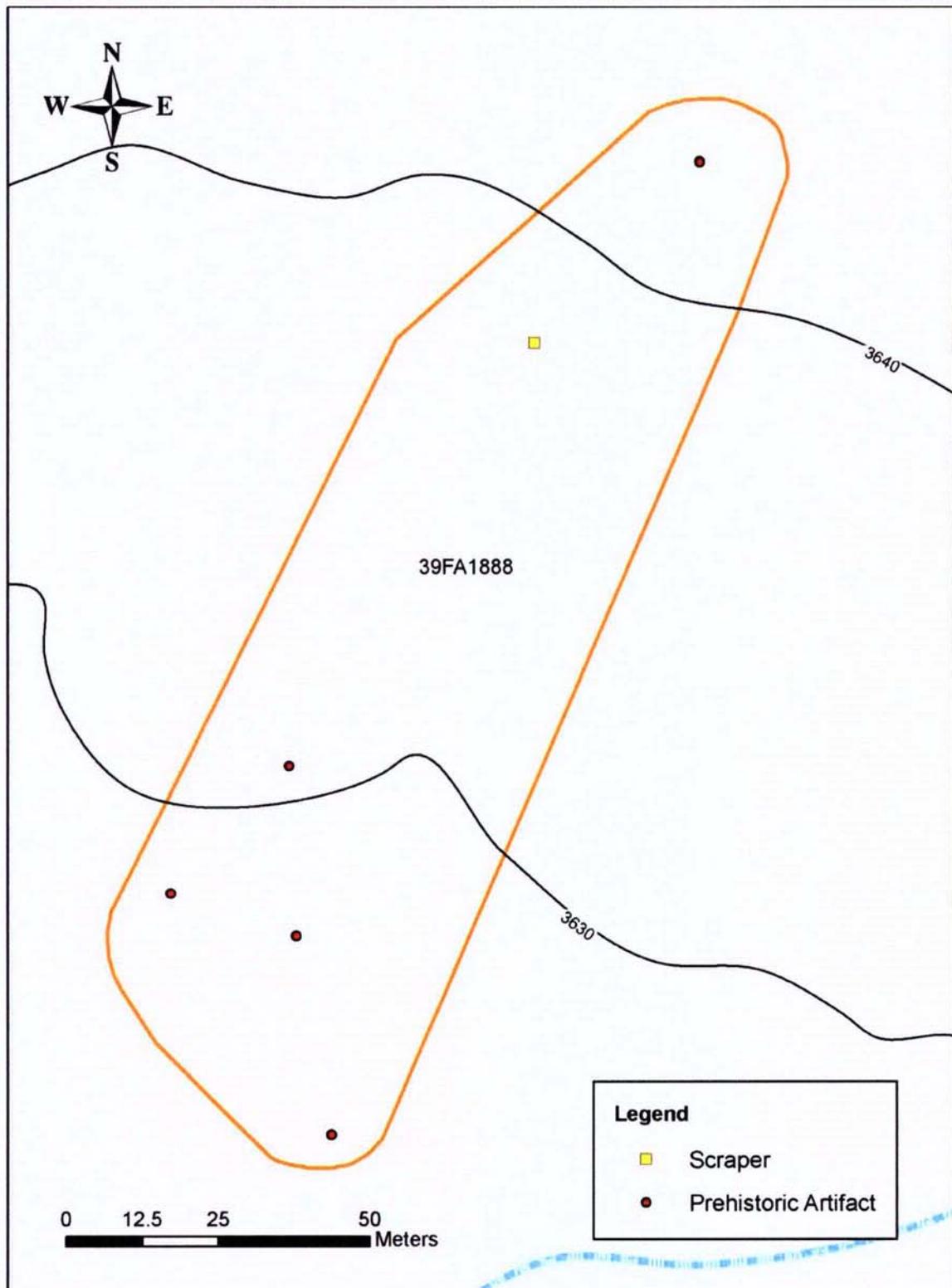


Figure 6.197. Plan view of site 39FA1888.



### 6.39.2 Artifact and Feature Inventory

Artifacts observed include primary and tertiary flakes, a retouched flake, and a crude scraper. Table 6.36 details the artifacts identified. The artifacts were not collected. No additional artifacts, diagnostic/datable materials, or features were noted.

Table 6.36. Artifacts Observed at Site 39FA1888.

| Number | Artifact Type  | Material   | Colors                                      | Comments      |
|--------|----------------|------------|---|---------------|
| 1      | Primary flake  | Chert      | Purple                                      |               |
| 4      | Tertiary flake | Chert      | White, grayish purple, reddish brown, brown | One retouched |
| 1      | Tertiary flake | Chalcedony | White                                       |               |
| 1      | Scraper        | Chalcedony | Mottled red-brown                           | Crude         |

### 6.39.3 Interpretation and Recommendations

Site 39FA1888 represents a sparse Native American artifact scatter. The site is situated on a severely eroded surface.

The NRHP eligibility status of site 39FA1888 is considered under Criterion D of the NRHP, that is, having yielded, or having the potential to yield, information important in prehistory or history (NPS 1991:37). The site lacks diagnostic or datable materials and cannot be evaluated in a specific historic context. The severely eroded landform on which the site is situated indicates no potential for intact subsurface cultural deposits or features. This suggests that the site does not possess the potential to yield datasets capable of addressing specific research questions that would further our collective understanding of prehistoric cultures in the area. Site 39FA1888 does not satisfy the specifications set forth in Criterion D of the NRHP (NPS 1991:37). ALAC recommends that this site be considered not eligible for listing on the NRHP. No further work is recommended.

### 6.40 SITE 39FA1889

**Site Number:** 39FA1889  
**Site Name:** N/A  
**Site Type:** Artifact Scatter  
**Cultural Affiliation:** Native American  
**Site Area:** .11 ha  
**Landscape Position:** Rolling Plain

**Field Number:** 10-42  
**Elevation (in m):** 1,103  
**Site Condition:** Disturbed  
**Subsurface Testing:** N/A  
**Appendix D Map Reference:** D-2  
**NRHP Recommendation:** Not Eligible

#### 6.40.1 Site Description

Site 39FA1889 (Figures 6.198 and 6.199) is a sparse Native American artifact scatter. The site area measures 35 m N-S x 51 m E-W. The site is situated on a severely eroded plain with gravel exposures. Vegetation consists of short grass and scrub brush. Visibility in the site area averages 50 percent.

#### 6.40.2 Artifact and Feature Inventory

Artifacts observed include primary and secondary flakes, a biface, and a core. Table 6.37 details the artifacts identified. The artifacts were not collected. No additional artifacts, diagnostic/datable materials, or features were noted.

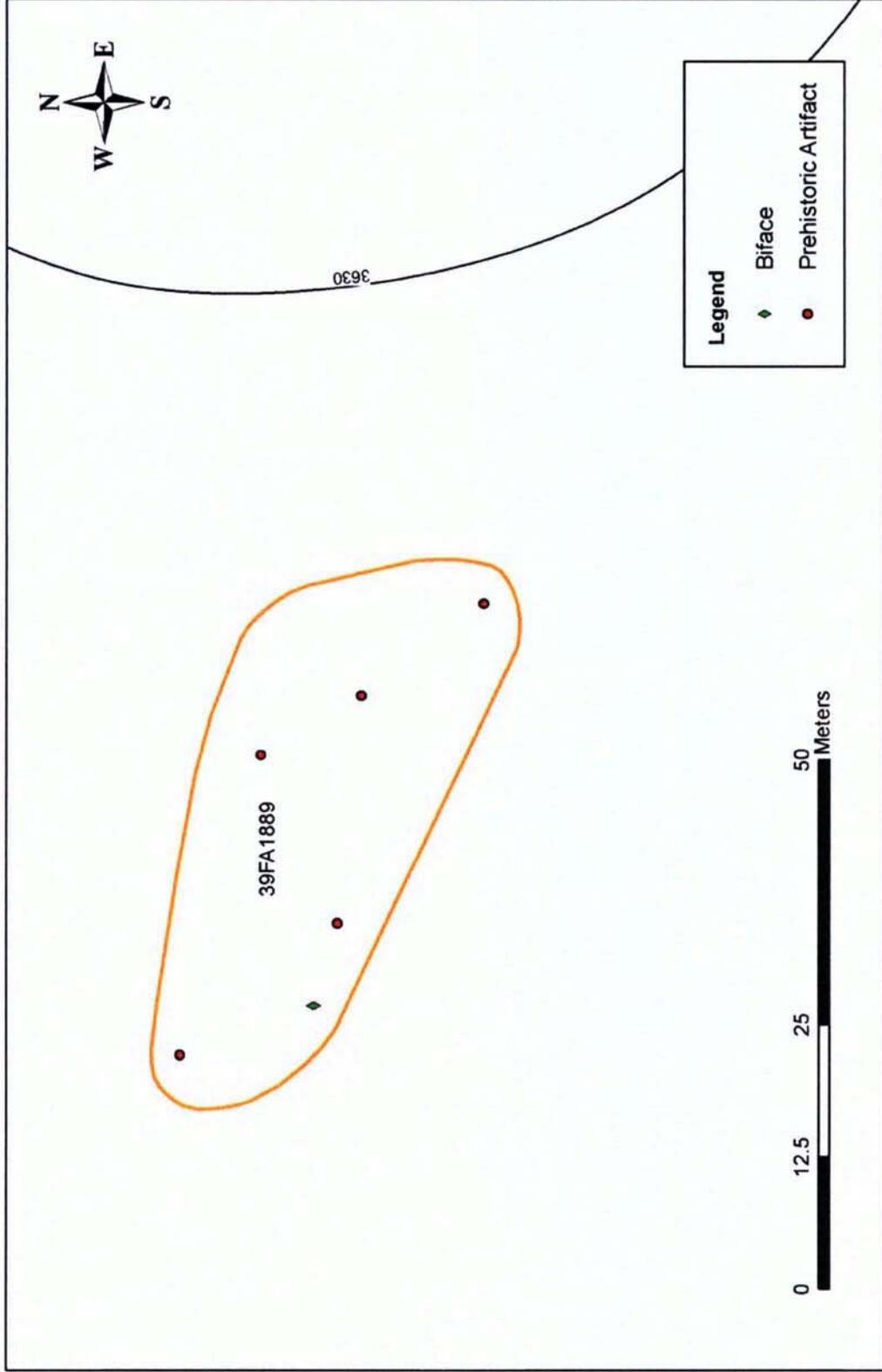


Figure 6.198. Plan view of site 39FA1889.

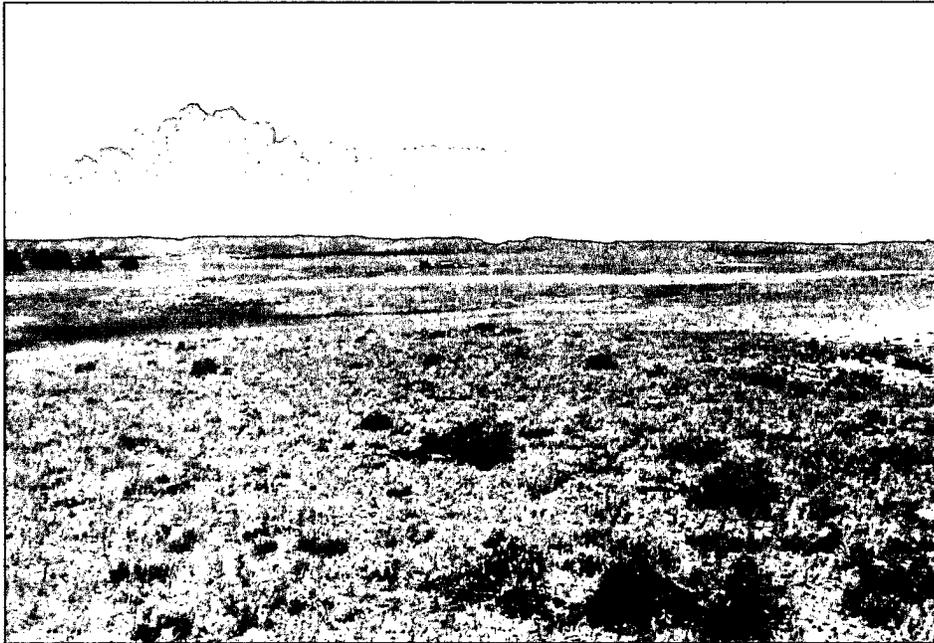


Figure 6.199. Overview of site 39FA1889, facing northeast.

Table 6.37. Artifacts Observed at Site 39FA1889.

| Number | Artifact Type   | Material   | Colors        | Comments |
|--------|-----------------|------------|---------------|----------|
| 2      | Primary flake   | Chalcedony | White         |          |
| 1      | Primary flake   | Chert      | Reddish brown |          |
| 1      | Secondary flake | Chalcedony | Pinkish gray  |          |
| 1      | Core            | Chalcedony | White         |          |
| 1      | Biface          | Quartzite  | Pinkish gray  |          |

### 6.40.3 Interpretation and Recommendations

Site 39FA1889 represents a sparse Native American artifact scatter. The site is situated on a severely eroded surface.

The NRHP eligibility status of site 39FA1889 is considered under Criterion D of the NRHP, that is, having yielded, or having the potential to yield, information important in prehistory or history (NPS 1991:37). The site lacks diagnostic or datable materials and cannot be evaluated in a specific historic context. The severely eroded landform on which the site is situated indicates no potential for intact subsurface cultural deposits or features. This suggests that the site does not possess the potential to yield datasets capable of addressing specific research questions that would further our collective understanding of prehistoric cultures in the area. Site 39FA1889 does not satisfy the specifications set forth in Criterion D of the NRHP (NPS 1991:37). ALAC recommends that this site be considered not eligible for listing on the NRHP. No further work is recommended.



## 6.41 SITE 39FA1890

**Site Number:** 39FA1890  
**Site Name:** N/A  
**Site Type:** Artifact Scatter, Cairn  
**Cultural Affiliation:** Native American  
**Site Area:** 2.07 ha  
**Landscape Position:** Ridge Crest

**Field Number:** 10-51, 10-52  
**Elevation (in m):** 1,109  
**Site Condition:** Disturbed  
**Subsurface Testing:** N/A  
**Appendix D Map Reference:** D-2  
**NRHP Recommendation:** Unevaluated

### 6.41.1 Site Description

Site 39FA1890 (Figures 6.200 and 6.201) consists of a prehistoric artifact scatter and a cairn situated on the crest of a long southwest-trending finger ridge above a wide intermittent drainage. The site measures approximately 177 m N-S x 196 m E-W. Vegetation in the site area consists of short grass pasture interspersed with sagebrush and prickly pear. Visibility in the site area averages 35 percent.

### 6.41.2 Artifact and Feature Inventory

Artifacts observed include flakes (primary, secondary, and tertiary), retouched flakes, tested pebbles/cobbles, expended cores, shatter, and a modified pebble/graver. Table 6.38 details the artifacts identified at the site. No additional artifacts or cultural features were observed. No artifacts were collected from site 39FA1890.

The cairn is situated in the southeast portion of site 39FA1890 (see Figure 6.201). The cairn is composed of five visible medium-sized cobbles.



Figure 6.200. Overview of site 39FA1890, facing west.

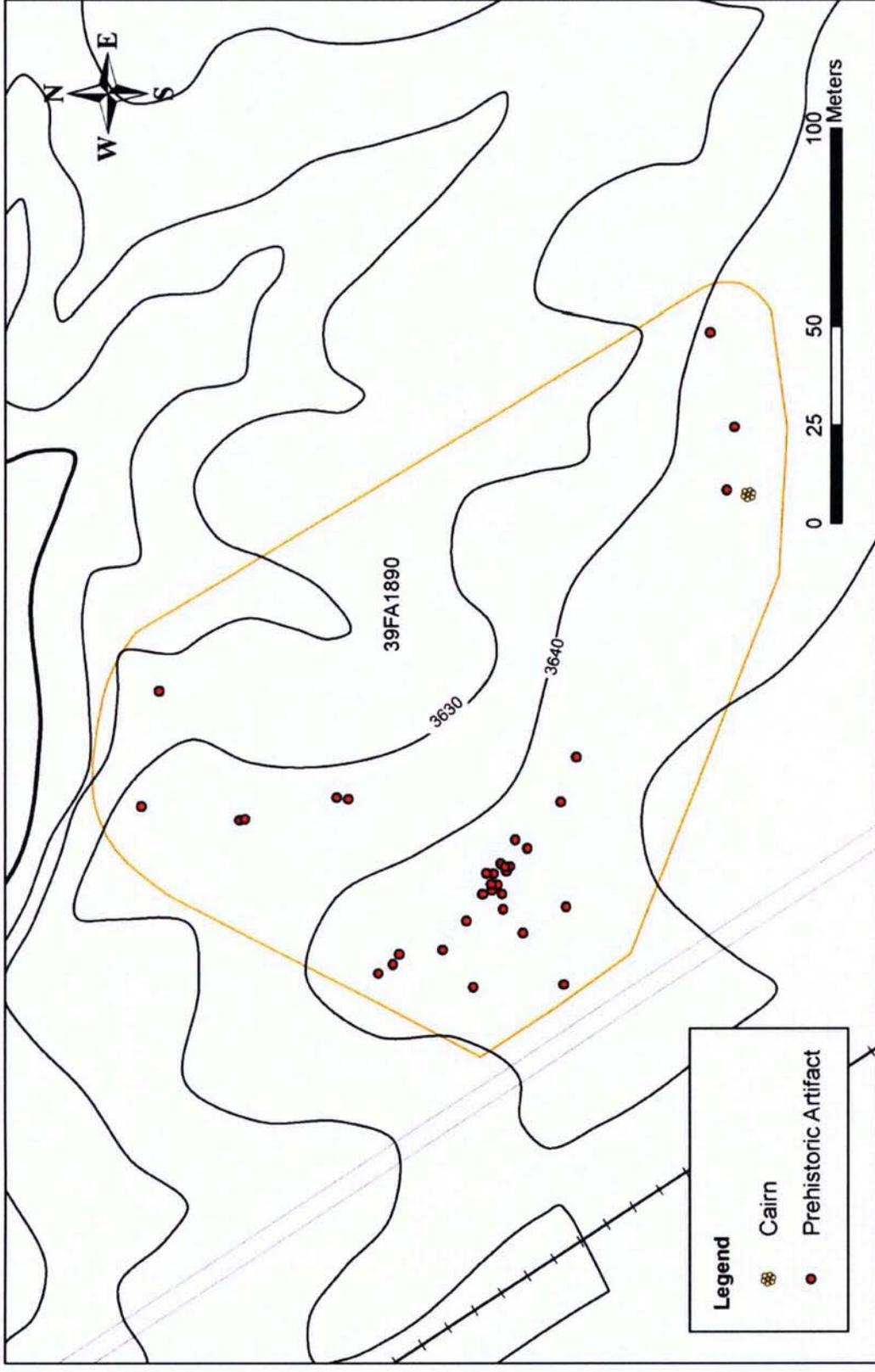


Figure 6.201. Plan view of site 39FA1890.



Table 6.38. Artifacts Observed at Site 39FA1890.

| Number | Artifact Type   | Material            | Colors               | Comments      |
|--------|-----------------|---------------------|----------------------|---------------|
| 1      | Primary flake   | Quartzite           | Gray                 |               |
| 2      | Primary flake   | Chert               | Purple               |               |
| 1      | Primary flake   | Chalcedony          | Gray                 |               |
| 6      | Secondary flake | Chalcedony          | Gray, white          |               |
| 3      | Secondary flake | Chert               | Pink-gray, tan       | One retouched |
| 1      | Secondary flake | Quartzite           | Brown                |               |
| 1      | Secondary flake | Silicified sediment | Unknown              | Retouched     |
| 7      | Tertiary flake  | Chalcedony          | White                |               |
| 3      | Tertiary flake  | Chert               | Pinkish gray, purple |               |
| 1      | Tertiary flake  | Quartz              | Clear                |               |
| 1      | Core            | Chalcedony          | Gray                 | Expended      |
| 1      | Core            | Quartzite           | Gray                 |               |
| 1      | Tested pebble   | Chalcedony          | Gray                 |               |
| 1      | Pebble/graver   | Chalcedony          | Gray                 |               |
| 1      | Tested pebble   | Silicified sediment | Gray                 |               |
| 1      | Tested cobble   | Quartzite           | Tannish gray         |               |
| 3      | Shatter         | Chalcedony          | White, pinkish gray  |               |

### 6.41.3 Interpretation and Recommendations

Site 39FA1890 represents a Native American artifact scatter and cairn. Although the area is subjected to wind and water erosion, there appears to be some intact topsoil in portions of the site.

The cairn feature remains unevaluated at this juncture. Historic and ethnographic documentation of aboriginal cairns in the Black Hills indicates that these monuments served various roles, including: resource area markers, landmarks, trail markers, camp markers, burial markers, cache markers, ceremonial/spiritual area markers (Wolf 1996:3f-25), and drive line components (Brink and Rollans 1990:153). A number of cairns have been previously documented in association with lithic reduction and quarry sites in the Black Hills, and Wolf (1996:3f-26) suggests that these features may have been utilized for marking such resources on the landscape.

It should be noted that the construction of such features is not a hallmark solely indicative of aboriginal inhabitants. Modern-day hikers have been known to construct cairns as trail markers, and Frison (1991:363) cites research documenting current sheepherders who constructed a multitude of stone features, such as cairns and walls, simply as a means of passing time. Ethnographic evidence recently obtained from Wind Springs Ranch, north of Scottsbluff in western Nebraska, confirms that sheepherders constructed comparable stone features under similar circumstances in this portion of the Plains (David Hushson, Wind Springs Ranch owner, personal communication 2008).

The NRHP eligibility status of site 39FA1890 is considered under Criterion D of the NRHP, that is, having yielded, or having the potential to yield, information important in prehistory or



history (NPS 1991:37). The NRHP eligibility status of site 39FA1890 could not be definitively determined within the scope of the current investigation. The status of the cairn feature also could not be definitively ascertained within the scope of the current investigation. ALAC recommends additional evaluation of this site consisting of subsurface testing to determine if substantial intact cultural deposits are extant with the potential to yield archeological data amenable to addressing pertinent and important research questions.

## 6.42 SITE 39FA1891

**Site Number:** 39FA1891  
**Site Name:** N/A  
**Site Type:** Artifact Scatter  
**Cultural Affiliation:** Native American  
**Site Area:** .04 ha  
**Landscape Position:** Rolling Plain

**Field Number:** 10-61  
**Elevation (in m):** 1,112  
**Site Condition:** Disturbed  
**Subsurface Testing:** N/A  
**Appendix D Map Reference:** D-2  
**NRHP Recommendation:** Unevaluated

### 6.42.1 Site Description

Site 39FA1891 (Figures 6.202 and 6.203) consists of a sparse prehistoric artifact scatter situated on a nearly level plain. The site measures approximately 17 m N-S x 30 m E-W. Vegetation in the site area consists of short grass pasture interspersed with sagebrush and prickly pear. There appears to be intact topsoil within the site area. Visibility in the site area averages 55 percent.



Figure 6.202. Overview of site 39FA1891, facing northeast.

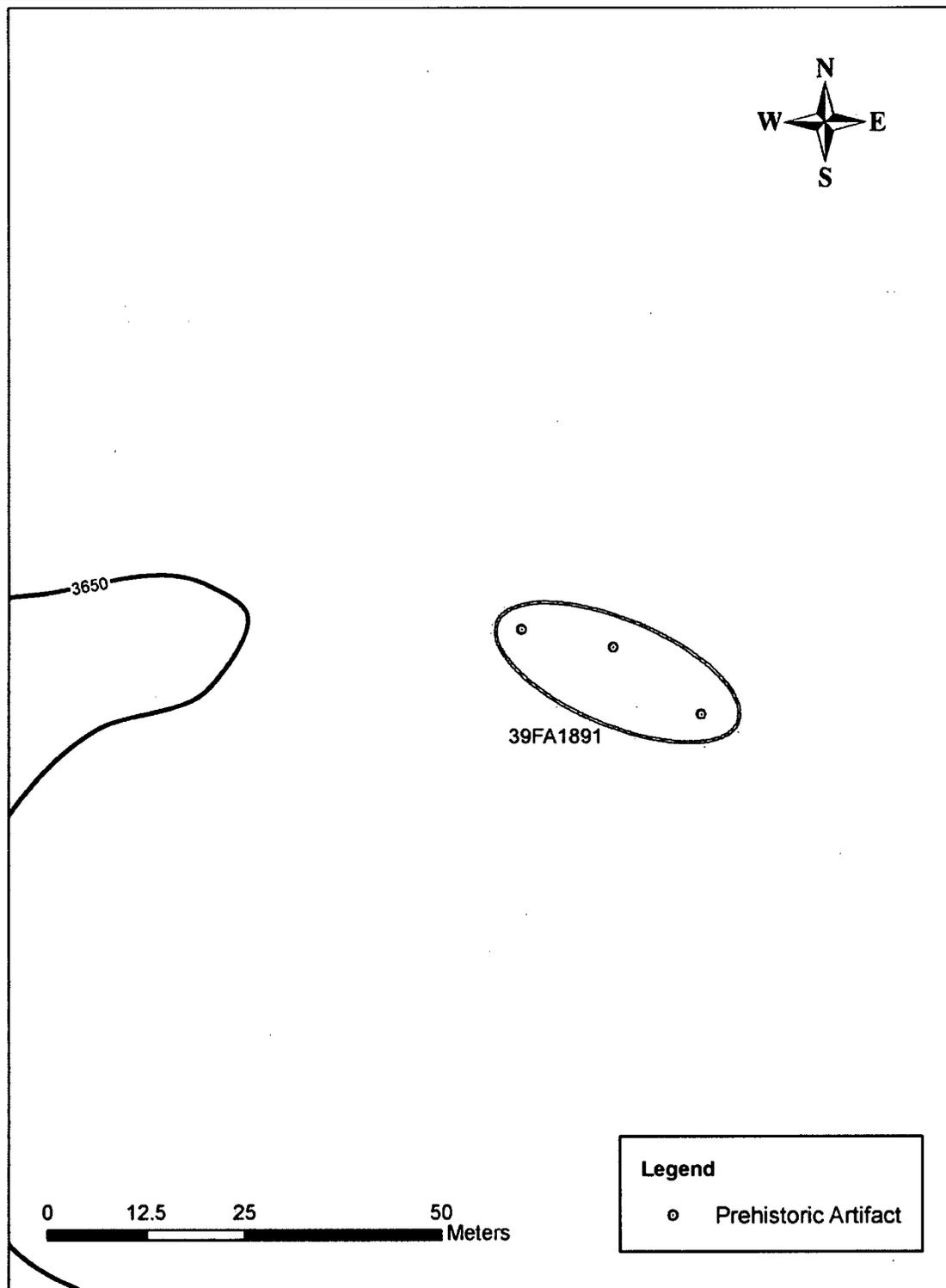


Figure 6.203. Plan view of site 39FA1891.



### 6.42.2 Artifact and Feature Inventory

Artifacts observed include two tertiary flakes and one utilized tertiary flake. Table 6.39 details the artifacts identified at the site. No additional artifacts or cultural features were observed. No artifacts were collected from site 39FA1891.

Table 6.39. Artifacts Observed at Site 39FA1891.

| Number | Artifact Type  | Material   | Colors          | Comments |
|--------|----------------|------------|-----------------|----------|
| 2      | Tertiary flake | Chalcedony | Tan, light gray |          |
| 1      | Tertiary flake | Chert      | Light gray      | Utilized |

### 6.42.3 Interpretation and Recommendations

Site 39FA1891 represents a Native American artifact scatter. There appears to be some intact topsoil within the site area. This suggests that there is some potential for intact subsurface cultural deposits.

The NRHP eligibility status of site 39FA1891 is considered under Criterion D of the NRHP, that is, having yielded, or having the potential to yield, information important in prehistory or history (NPS 1991:37). The NRHP eligibility status of site 39FA1891 could not be definitively determined within the scope of the current investigation. ALAC recommends additional evaluation of this site consisting of limited subsurface tests to assess the potential for significant cultural deposits.

### 6.43 SITE 39FA1892

**Site Number:** 39FA1892  
**Site Name:** N/A  
**Site Type:** Artifact Scatter  
**Cultural Affiliation:** Native American  
**Site Area:** .10 ha  
**Landscape Position:** Rolling Plain

**Field Number:** 10-62  
**Elevation (in m):** 1,118  
**Site Condition:** Disturbed  
**Subsurface Testing:** N/A  
**Appendix D Map Reference:** D-2  
**NRHP Recommendation:** Unevaluated

#### 6.43.1 Site Description

Site 39FA1892 (Figures 6.204 and 6.205) consists of a sparse prehistoric artifact scatter situated on a gently rolling plain. The site measures approximately 27 m N-S x 51 m E-W. Vegetation in the site area consists of short grass pasture. There appears to be intact topsoil within the site area. Visibility in the site area averages 65 percent.

#### 6.43.2 Artifact and Feature Inventory

Artifacts observed include one primary flake, two tertiary flakes, and a tested pebble. Table 6.40 details the artifacts identified at the site. No additional artifacts or cultural features were observed. No artifacts were collected from site 39FA1892.

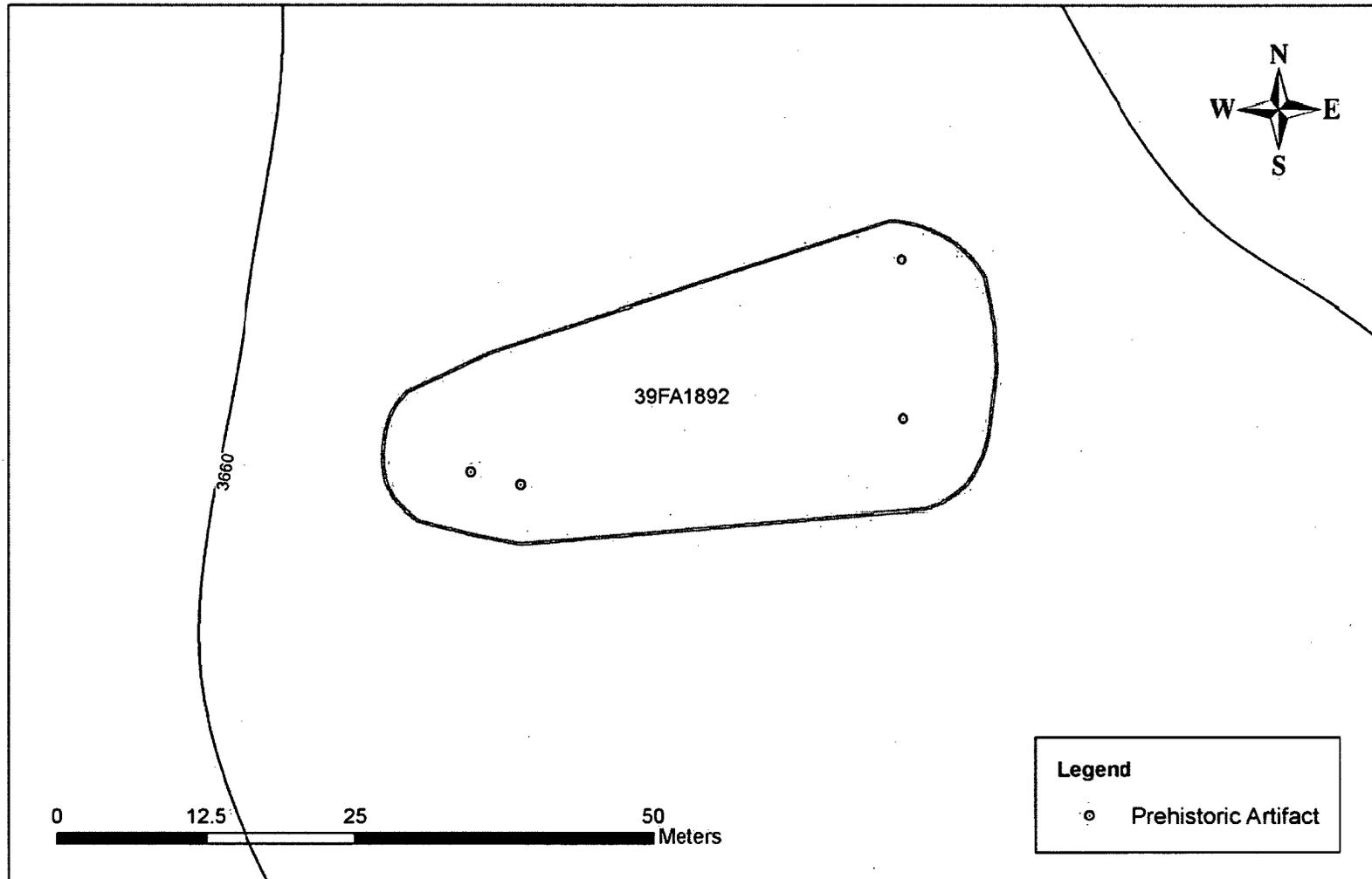


Figure 6.204. Plan view of site 39FA1892.



Figure 6.205. Overview of site 39FA1892, facing east-northeast.

Table 6.40. Artifacts Observed at Site 39FA1892.

| Number | Artifact Type  | Material   | Colors   | Comments |
|--------|----------------|------------|--|----------|
| 1      | Primary flake  | Chert      | Light tan  |          |
| 2      | Tertiary flake | Chert      | Banded light brown-purple,<br>mottled gray-reddish brown |          |
| 1      | Tested pebble  | Chalcedony | Light tan  |          |

### 6.43.3 Interpretation and Recommendations

Site 39FA1892 represents a Native American artifact scatter. There appears to be some intact topsoil within the site area. This suggests that there is some potential for intact subsurface cultural deposits.

The NRHP eligibility status of site 39FA1892 is considered under Criterion D of the NRHP, that is, having yielded, or having the potential to yield, information important in prehistory or history (NPS 1991:37). The NRHP eligibility status of site 39FA1892 could not be definitively determined within the scope of the current investigation. ALAC recommends additional evaluation of this site consisting of limited subsurface testing to assess the potential for significant intact subsurface deposits.



## 6.44 SITE 39FA1893

**Site Number:** 39FA1893  
**Site Name:** N/A  
**Site Type:** Isolated Find  
**Cultural Affiliation:** Native American  
**Site Area:** .001 ha  
**Landscape Position:** Rolling Plain

**Field Number:** 10-63  
**Elevation (in m):** 1,127  
**Site Condition:** Disturbed  
**Subsurface Testing:** N/A  
**Appendix D Map Reference:** D-2  
**NRHP Recommendation:** Not Eligible

### 6.44.1 Site Description

Site 39FA1893 (Figures 6.206 and 6.207) is a prehistoric isolated find situated on an eroded hill slope above an intermittent drainage. The surface is deflated down to the bedrock and gravels, with no topsoil. The site measures 1 m N-S x 1 m E-W. Vegetation in the site area consists of short grass. Visibility in the site area averages 50 percent.

### 6.44.2 Artifact and Feature Inventory

One dark gray chert tertiary flake was observed. No additional artifacts or cultural features were observed. The flake was not collected.



Figure 6.206. Overview of site 39FA1893, facing southwest.

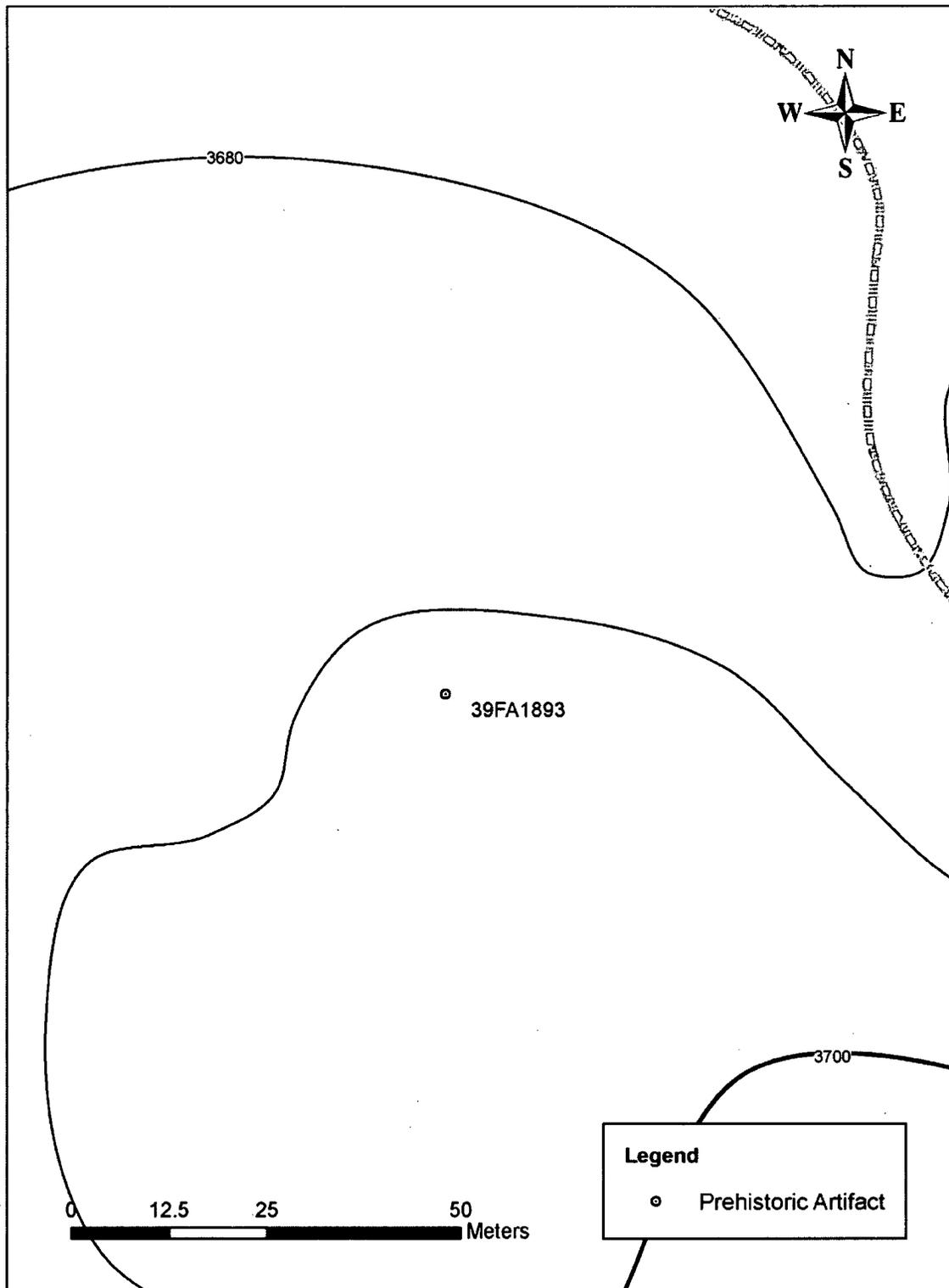


Figure 6.207. Plan view of site 39FA1893.



### 6.44.3 Interpretation and Recommendations

Site 39FA1893 represents a Native American isolated find. The site area is severely eroded. There is no potential for intact subsurface cultural deposits or features.

The NRHP eligibility status of site 39FA1893 is considered under Criterion D of the NRHP, that is, having yielded, or having the potential to yield, information important in prehistory or history (NPS 1991:37). The integrity of the site has been compromised by erosion. The degree of erosion of the landform on which the site is located indicates no potential for intact subsurface cultural deposits or features. This suggests that the site does not possess the potential to yield datasets capable of addressing specific research questions that would further our collective understanding of prehistoric cultures in the area. Site 39FA1893 does not satisfy the specifications set forth in Criterion D of the NRHP (NPS 1991:37). ALAC recommends this site be considered not eligible for listing on the NRHP. No further work is recommended.

### 6.45 SITE 39FA1894

**Site Number:** 39FA1894  
**Site Name:** N/A  
**Site Type:** Isolated Find  
**Cultural Affiliation:** Native American  
**Site Area:** .001 ha  
**Landscape Position:** Rolling Plain

**Field Number:** 10-64  
**Elevation (in m):** 1,121  
**Site Condition:** Disturbed  
**Subsurface Testing:** N/A  
**Appendix D Map Reference:** D-2  
**NRHP Recommendation:** Not Eligible

#### 6.45.1 Site Description

Site 39FA1894 (Figures 6.208 and 6.209) is an isolated find situated on an eroded surface on a hill slope. The site measures approximately 1 m N-S x 1 m E-W. Vegetation in the site area consists of short grass. Visibility in the site area is 65 percent.



Figure 6.208. Overview of site 39FA1894, facing east.

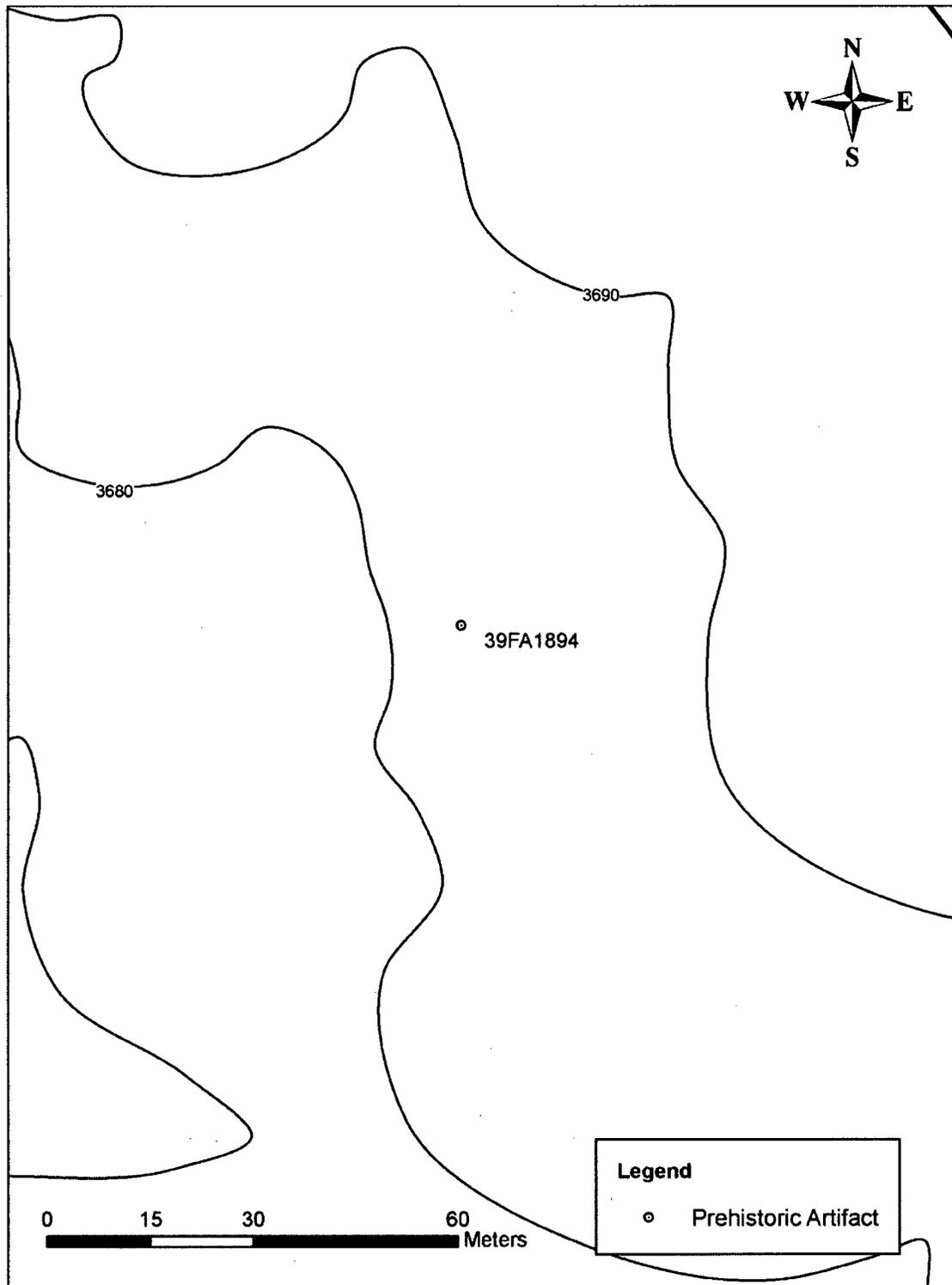


Figure 6.209. Plan view of site 39FA1894.



### 6.45.2 Artifact and Feature Inventory

One retouched flake (denticulate) was observed. No additional artifacts, diagnostic or datable materials, or features were noted. The artifact was collected.

The specimen is made of very pale orange sandstone (catalog number 10-64-1; Figure 6.210). A series of three notches along one margin form a serrated edge. The flake measures 33.8 mm long, 22.05 mm wide, and 6.6 mm thick.



Figure 6.210. View of retouched flake (catalog number 10-64-1) collected from site 39FA1894.

### 6.45.3 Interpretation and Recommendations

Site 39FA1894 represents a Native American isolated find. The site area is heavily eroded. There is no potential for intact subsurface cultural deposits or features.

The NRHP eligibility status of site 39FA1894 is considered under Criterion D of the NRHP, that is, having yielded, or having the potential to yield, information important in prehistory or history (NPS 1991:37). The site lacks diagnostic or datable materials and cannot be evaluated within a specific historic context. The integrity of the site has been compromised by erosion. The degree of erosion of the landform on which the site is located indicates no potential for intact subsurface cultural deposits or features. This suggests that the site does not possess the potential to yield datasets capable of addressing specific research questions that would further our collective understanding of prehistoric cultures in the area. Site 39FA1894 does not satisfy the specifications set forth in Criterion D of the NRHP (NPS 1991:37). ALAC recommends that this site be considered not eligible for listing on the NRHP. No further work is recommended.



## 6.46 SITE 39FA1895

**Site Number:** 39FA1895

**Site Name:** N/A

**Site Type:** Artifact Scatter, Hearth

**Cultural Affiliation:** Native American ( Middle Archaic,  
Late Archaic/Woodland)

**Site Area:** 2.29 ha

**Landscape Position:** Rolling Plain

**Field Number:** 10 (15)-45

**Elevation (in m):** 1,100

**Site Condition:** Disturbed

**Subsurface Testing:** N/A

**Appendix D Map Reference:** D-1

**NRHP Recommendation:** Unevaluated

### 6.46.1 Site Description

Site 39FA1895 (Figures 6.211 and 6.212) is a prehistoric artifact scatter and eight hearths situated on a small ridge. There appears to be some intact topsoil within the west portion of the site area. A natural spring is located within the site boundaries. The site measures approximately 185 m N-S x 173 m E-W. Vegetation consists of short grass pasture overrun with prickly pear and sagebrush. Visibility in the site area averages 50 percent.

### 6.46.2 Artifact and Feature Inventory

Artifacts observed include flakes (primary, secondary, and tertiary), retouched/utilized flakes, bifaces, cores, shatter, tested pebbles/cobbles, scrapers, shell fragments, four projectile points, a preform, a graver, a graver/drill, and a chopper. Table 6.41 details the identified artifacts.



Figure 6.211. Overview of site 39FA1895, facing northwest.



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with 10 C.F.R. § 2.390**

Figure 6.212. Plan view of site 39FA1895.



Table 6.41. Artifacts Observed at Site 39FA1895.

| Number | Artifact Type    | Material            | Colors   | Comments                     |
|--------|------------------|---------------------|--|------------------------------|
| 4      | Primary flake    | Chalcedony          | Light gray, gray, white                                | One retouched                |
| 4      | Primary flake    | Quartzite           | Pink, gray, light brown                                | One retouched                |
| 1      | Primary flake    | Silicified sediment | Gray   |                              |
| 1      | Primary flake    | Unknown             | Brown  | Retouched                    |
| 1      | Secondary flake  | Silicified sediment | Brown  |                              |
| 5      | Secondary flake  | Chalcedony          | White, gray  |                              |
| 4      | Secondary flake  | Quartzite           | Purple, pink   |                              |
| 1      | Secondary flake  | Chert               | Purple   | Utilized                     |
| 13     | Tertiary flake   | Quartzite           | Purple, pink, gray, brown                              | One utilized                 |
| 9      | Tertiary flake   | Chalcedony          | White, gray, light gray, grayish yellow, brown         |                              |
| 13     | Tertiary flake   | Chert               | Light purple, purple, gray-purple-red, pink, brown-tan | One retouched, two utilized  |
| 1      | Tertiary flake   | Quartz              | Clear  |                              |
| 1      | Flake            | Chalcedony          | Purplish gray  |                              |
| 1      | Flake            | Quartzite           | Brown  | Utilized                     |
| 2      | Flake            | Chert               | Purple-gray  |                              |
| 1      | Biface           | Silicified sediment | Gray   |                              |
| 1      | Biface           | Chalcedony          | Brown  | Broken in production         |
| 1      | Biface preform   | Quartzite           | Gray   |                              |
| 1      | Biface           | Unknown             | Tan-brown  | Proximal end                 |
| 1      | Biface           | Quartzite           | Light gray   | Collected; catalog #10-45-8  |
| 1      | Biface tip       | Chalcedony          | Light gray   | Collected; catalog #10-45-5  |
| 1      | Biface           | Chert               | Light brownish gray                                    | Collected; catalog #10-45-6  |
| 1      | Biface           | Quartzite           | Light brown  | Collected; catalog #10-45-7  |
| 1      | End scraper      | Chert               | Light brown  | Collected; catalog #10-45-9  |
| 1      | Side scraper     | Quartz              | White  | Collected; catalog #10-45-10 |
| 1      | End scraper      | Chalcedony          | Dark yellowish brown                                   | Collected; catalog #10-45-12 |
| 1      | End scraper      | Chert               | Dusky red  | Collected; catalog #10-45-11 |
| 1      | Scraper fragment | Chalcedony          | Light gray   | Collected; catalog #10-45-13 |
| 1      | Side scraper     | Chert               | Gray   |                              |
| 1      | Projectile point | Quartzite           | Moderate brown   | Collected; catalog #10-45-1  |
| 1      | Projectile point | Silicified sediment | Light olive gray                                       | Collected; catalog #10-45-2  |
| 1      | Projectile point | Chalcedony          | Pale blue  | Collected; catalog #10-45-3  |
| 1      | Projectile point | Silicified sediment | Light brown  | Collected; catalog #10-45-4  |
| 1      | Graver           | Quartzite           | Purple-gray  |                              |
| 1      | Graver/drill     | Quartzite           | Brown  |                              |
| 1      | Chopper          | Quartzite           | Unknown  |                              |
| 1      | Core             | Chert               | Purple   | Expended                     |
| 1      | Core             | Quartzite           | Light gray   |                              |
| 1      | Tested pebble    | Chalcedony          | Grayish red  |                              |
| 1      | Tested pebble    | Unknown             | Grayish brown  |                              |
| 1      | Tested cobble    | Chalcedony          | Light gray   |                              |



Table 6.41 (continued).

| Number | Artifact Type  | Material            | Colors         | Comments |
|--------|----------------|---------------------|----------------|----------|
| 3      | Tested cobble  | Quartzite           | Gray           |          |
| 1      | Tested cobble  | Silicified sediment | Gray           |          |
| 1      | Tested cobble  | Unknown             | Purplish brown |          |
| 3      | Shatter        | Chalcedony          | Gray           |          |
| 1      | Shatter        | Quartzite           | Pink           |          |
| 3      | Shell fragment | Shell               |                |          |

The artifact sample collected from the site 39FA1895 surface includes four projectile points, four bifaces, and five scrapers. Three projectiles are Pelican Lake style points affiliated with Late Archaic and Woodland Northern and Central Plains complexes. The first is a base made of moderate brown quartzite (catalog number 10-45-1; Figure 6.213). It exhibits corner notches, a slightly incurvate base, and excurvate blade margins. The tip of the projectile point is missing. The broken length is 19.7 mm; it is 20.55 mm wide and 4.2 mm thick.

The second example is nearly complete excepting a small portion of the tip (25.8 mm long x 19.3 mm wide x 4.9 mm thick). This corner-notched point is made from light olive gray Tongue River silicified sediment (catalog number 10-45-2; Figure 6.213). This specimen has a straight base.

The third Pelican Lake point is made of a pale blue chalcedony which appears to be "plate chalcedony," although it lacks any diagnostic "bubbly" cortex (catalog number 10-45-3; Figure 6.213). The point has a concave base, corner notches, and straight blade margins. It is missing a small segment of the tip. The point is 25.2 mm long (broken), 17.2 mm wide, and 4.1 mm thick.

The last projectile is earlier than the previous three. It is a rather large unnotched, triangular style with a pronounced basal incurvature, and exhibits grinding along the basal margin (catalog number 10-45-4; Figure 6.213). This point is made of light brown Tongue River silicified sediment. The broken length is 24.3 mm; it is 25.9 mm wide, and 6.0 mm thick. The point most closely resembles on Oxbow type projectile (Middle Archaic), but is considerably larger and thicker. It may be an unfinished Oxbow form.

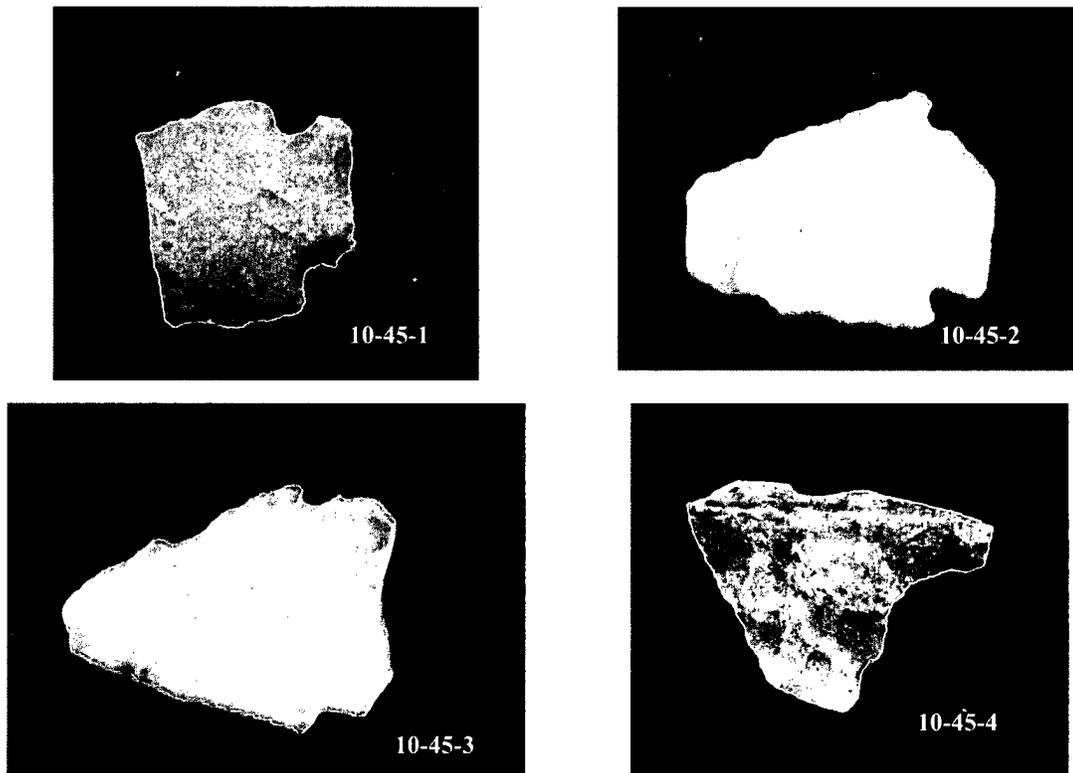


Figure 6.213. View of projectile points (catalog numbers 10-45-1, 10-45-2, 10-45-3, and 10-45-4) collected from site 39FA1895.

All of the bifaces are fragments; one is a pointed tip and three are basal portions. The biface tip is made of medium light gray chalcedony (catalog number 10-45-5; Figure 6.214). It is 34.0 mm long, 30.7 mm wide, and 6.1 mm thick. One of the bases is made of a light brownish gray chert (catalog number 10-45-6; Figure 6.214). It features a convex basal margin. This base is 31.3 mm long, 34.3 mm wide, and 7.4 mm thick. The second base is made of a coarse light brown quartzite (catalog number 10-45-7; Figure 6.214). It is 34.3 mm long, 42.9 mm wide, and 7.7 mm thick, with a straight basal margin. The final biface base has a convex basal margin. This knife is made of a very light gray quartzite (catalog number 10-45-8; Figure 6.214). It is 23.7 mm long, 22.4 mm wide, and 5.05 mm thick.

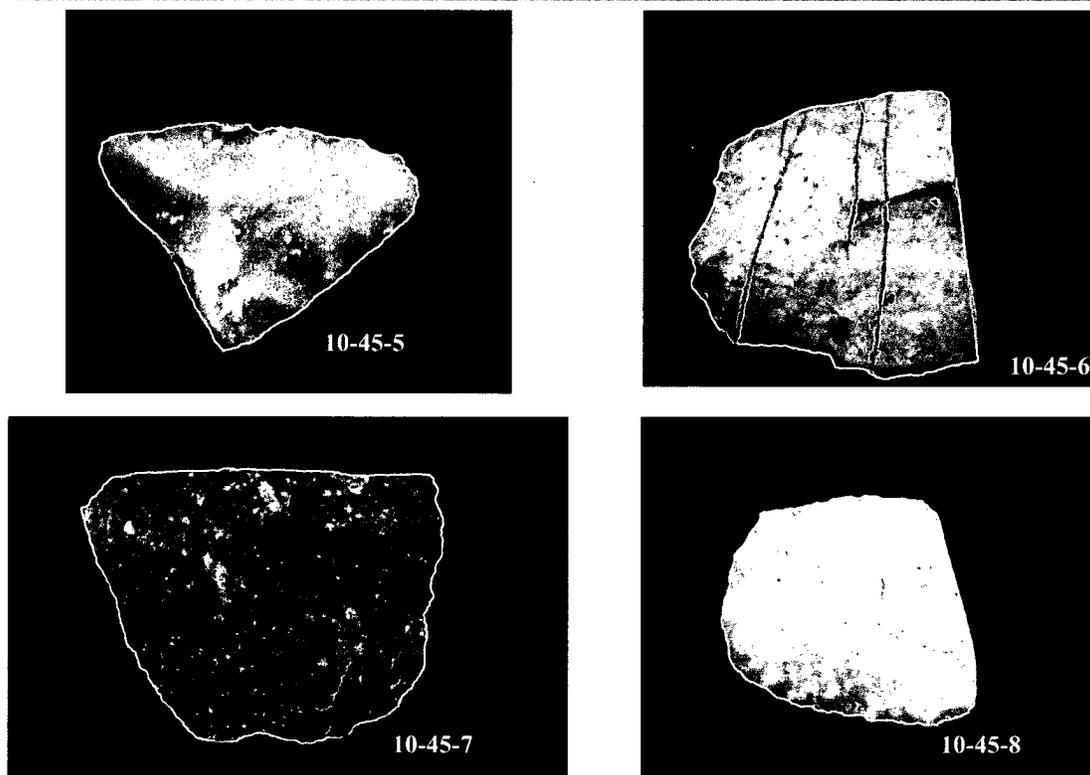


Figure 6.214. View of bifaces (catalog numbers 10-45-5, 10-45-6, 10-45-7, and 10-45-8) collected from site 39FA1895.

The scraper assemblage includes three complete end scrapers (one hafted), a side scraper, and a scraper fragment. One end scraper is made from light brown Hartville uplift chert (catalog number 10-45-9; Figure 6.215). It is 25.2 mm long, 17.2 mm wide, and 3.8 mm thick, with an 80° working margin edge angle. The other complete unhafted tool is made from a dark yellowish brown chalcedony cobble (catalog number 10-45-12; Figure 6.215). It is 33.2 mm long, 22.1 mm wide, and 10.5 mm thick, with a bit angle of 75°. The hafted scraper is manufactured from dusky red Spearfish formation chert (catalog number 10-45-11; Figure 6.215). It features notches about midway along the haft element that are 2.4 mm and 3.1 mm in depth. The length is 24.85 mm, and the working bit angle is 65°.

The crude side scraper is made of white quartz (catalog number 10-45-10; Figure 6.215). It is 41.4 mm long, 30.0 mm wide, and 12.2 mm thick, with a bit angle of 80°. The final item is a small working edge fragment made of light gray chalcedony (catalog number 10-45-13).

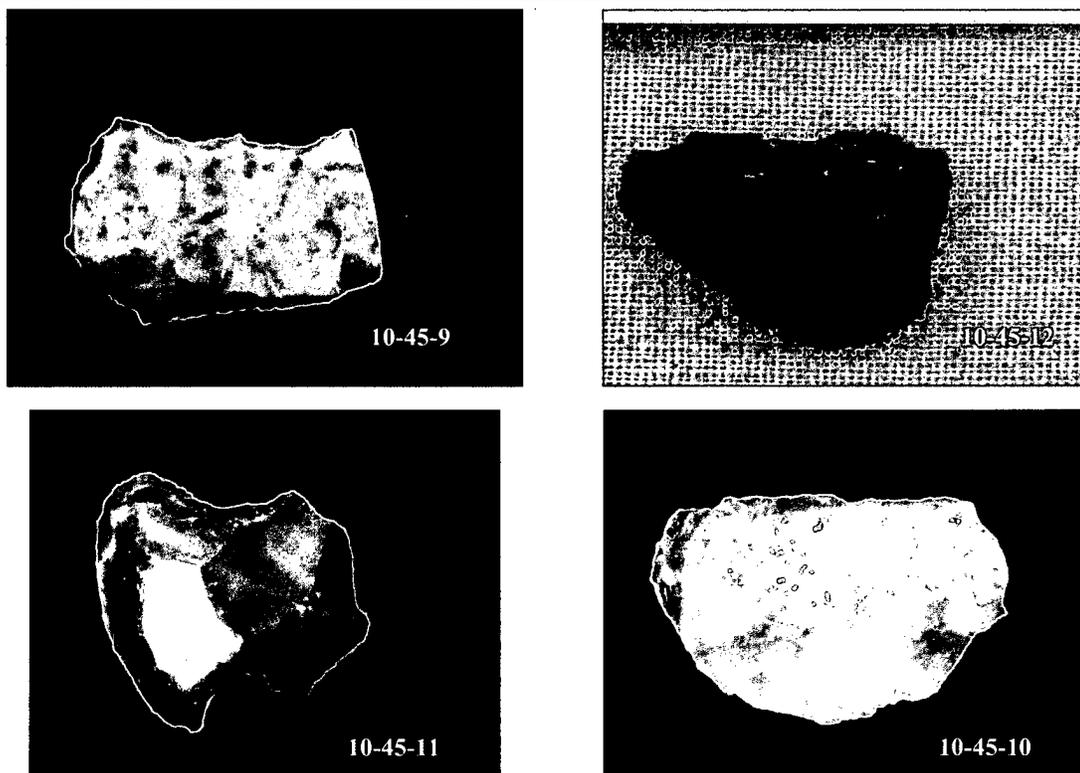


Figure 6.215. View of end scrapers (catalog numbers 10-45-9, 10-45-12), hafted scraper (catalog number 10-45-11), and side scraper (catalog number 10-45-10) collected from site 39FA1895.

Eight hearths were identified at site 39FA1895 (Table 6.42; Figures 6.216 and 6.217). The condition of the hearths ranged from partially eroded to intact. Hearth 1 and Hearth 2 are completely eroded and scattered. No photographs are available for these two hearths.

Table 6.42. Description of Hearths at Site 39FA1895.

| Hearth Number | Size (approximate diameter) | Number of FCR Exposed (approximate) | Condition         | Photo Figure Number |
|---------------|-----------------------------|-------------------------------------|-------------------|---------------------|
| 1             | 200 cm                      | 100+                                | Completely eroded | None                |
| 2             | 200 cm                      | 100+                                | Completely eroded | None                |
| 3             | 80 cm                       | 100                                 | Partially eroded  | Figure 6.217        |
| 4             | 80-100 cm                   | 80                                  | Partially eroded  | Figure 6.217        |
| 5             | 60 cm                       | 60                                  | Mostly intact     | Figure 6.217        |
| 6             | 60 cm                       | 30                                  | Intact            | Figure 6.217        |
| 7             | 100 cm                      | 100+                                | Partially eroded  | Figure 6.217        |
| 8             | 80 cm                       | 60-80                               | Partially eroded  | Figure 6.217        |

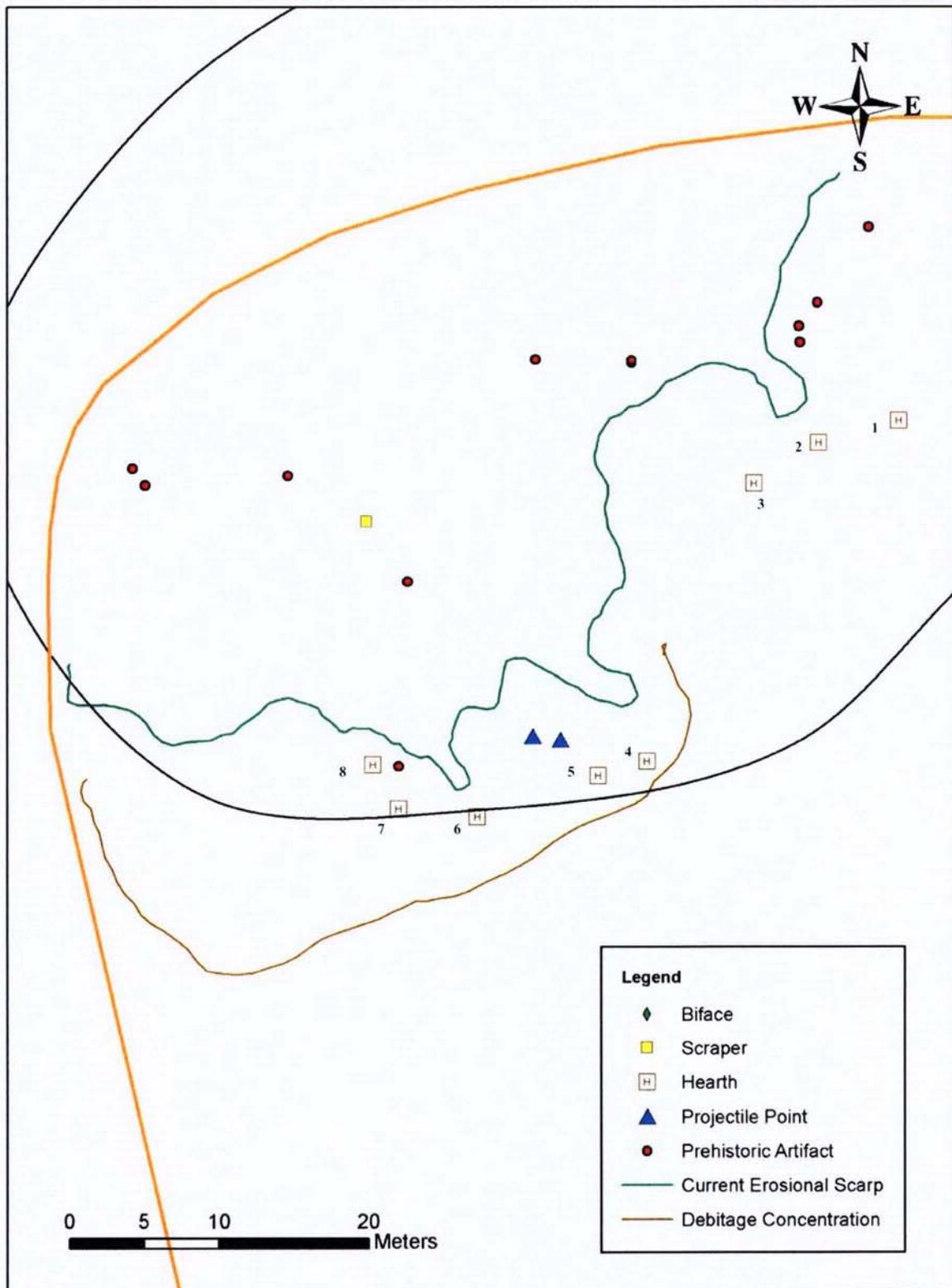


Figure 6.216. Plan view of hearth locations in northwest portion of site 39FA1895.

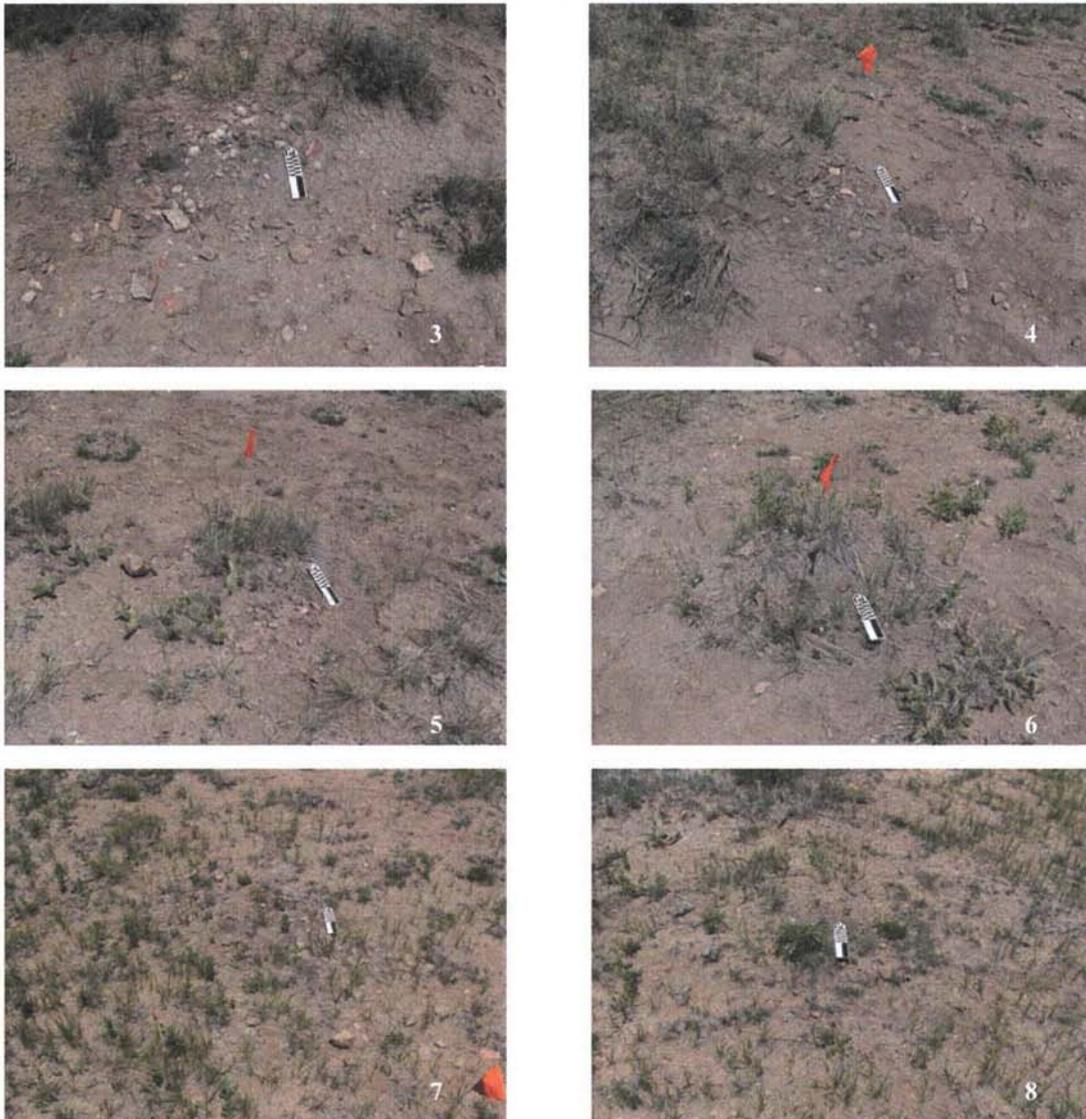


Figure 6.217. View of Hearths 3-8 of site 39FA1895, facing north.

### 6.46.3 Interpretation and Recommendations

Site 39FA1895 represents a Native American artifact scatter and eight hearths. There appears to be some intact topsoil within the site area. Most of the identified hearths are also at least partially intact. This suggests that there is potential for intact subsurface cultural materials and for datable materials and identifiable botanical remains in the hearth fill.

The NRHP eligibility status of site 39FA1895 is considered under Criterion D of the NRHP, that is, having yielded, or having the potential to yield, information important in prehistory or history (NPS 1991:37). The NRHP eligibility status of site 39FA1895 could not be definitively determined within the scope of the current investigation. ALAC recommends additional evaluation of this site consisting of subsurface testing to assess the potential for significant subsurface cultural materials and to investigate the contents of a sample of hearths.



## 6.47 SITE 39FA1896

**Site Number:** 39FA1896

**Site Name:** N/A

**Site Type:** Artifact Scatter

**Cultural Affiliation:** Native American (Paleoindian-Woodland),  
Euroamerican

**Site Area:** 7.96 ha

**Landscape Position:** Rolling Plain

**Field Number:** 3-71, 10-59, 11-60

**Elevation (in m):** 1,112

**Site Condition:** Disturbed

**Subsurface Testing:** N/A

**Appendix D Map Reference:** D-2

**NRHP Recommendation:** Unevaluated

### 6.47.1 Site Description

Site 39FA1896 (Figures 6.218 and 6.219) is a multi-component site consisting of scatters of both historic and prehistoric materials. The historic materials are concentrated in a small area at the southeast edge of the site. The site measures 337 m N-S x 464 m E-W. Vegetation within the site area consists of short grass and prickly pear. Visibility in the site area averages 55 percent. Although the site area has been subjected to wind and water erosion, there appears to be some intact soil on portions of the site.

### 6.47.2 Artifact and Feature Inventory

Prehistoric artifacts observed include flakes (primary, secondary, and tertiary), retouched/utilized flakes, shatter, scrapers, projectile points, cores, and a spokeshave/graver. Table 6.43 details the prehistoric artifacts identified at the site. Historic artifacts observed include whiteware, transferware, stoneware, enamelware, a clear glass cylindrical bottle, a bottle base, bottle glass (clear, amethyst, dark brown, and light green), tin cans, a tea pot, a milk glass canning jar lid, porcelain tea cup fragments, and an 1890s ice cream dipper marked "KINGERY MFG. CO. CINN OH."



Figure 6.218. Overview of site 39FA1896, facing west.

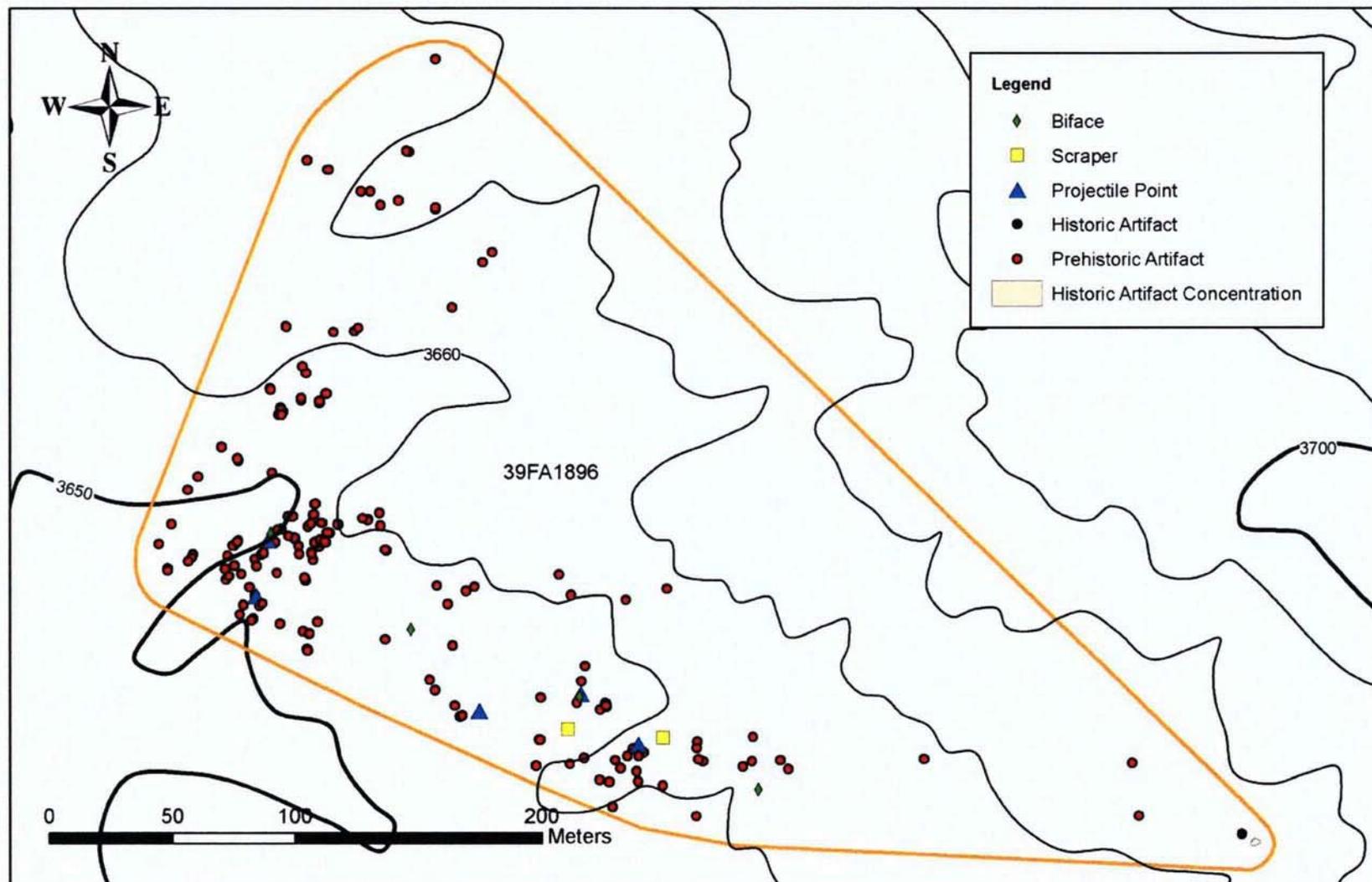


Figure 6.219. Plan view of site 39FA1896.



Table 6.43. Prehistoric Artifacts Observed at Site 39FA1896.

| Number | Artifact Type    | Material            | Colors  | Comments  |
|--------|------------------|---------------------|---|---|
| 14     | Primary flake    | Chalcedony          | Light grayish tan, light tan, tan, mottled tan, light gray, pink-gray, gray, white, light brown                     | Three utilized, two retouched                           |
| 3      | Primary flake    | Silicified sediment | Red, yellow, tan  | Two retouched/utilized                                  |
| 1      | Primary flake    | Silicified wood     | Pinkish gray  |   |
| 7      | Primary flake    | Quartzite           | White, gray, tan, banded orange-brown   | One retouched   |
| 9      | Primary flake    | Chert               | Tan, reddish gray, white, gray, banded dark gray-tan, reddish brown, banded red                                     | Three utilized, two retouched                           |
| 6      | Secondary flake  | Quartzite           | White, gray, light gray, tan  | One utilized  |
| 22     | Secondary flake  | Chalcedony          | Light gray, gray, banded pink-gray, purple-gray, brown  | Five utilized, four retouched                           |
| 2      | Secondary flake  | Silicified sediment | Gray, tan   | One retouched, one utilized                             |
| 17     | Secondary flake  | Chert               | Tan, light tan, light gray, gray, pink-green, banded gray-brown, banded purple-tan, pink-gray                       | Four retouched, four utilized                           |
| 17     | Tertiary flake   | Quartzite           | White, brown, gray, dark gray, tan, red, gold-brown   | Five retouched, two utilized                            |
| 37     | Tertiary flake   | Chert               | Pinkish tan, tan, pinkish gray, dark gray, gray, light gray, grayish tan, banded pink, white, red, pink, purple     | Four retouched, nine utilized                           |
| 19     | Tertiary flake   | Chalcedony          | Light tan-gray, light gray, white-gray, white, mottled tan, mottled gray, reddish gray, pink-white, tan-orange-pink | Two bifacially retouched, three retouched, two utilized |
| 1      | Tertiary flake   | TRSS                | Grayish orange  | Retouched; collected; catalog #10-59-9                  |
| 1      | Projectile point | Porcellanite        | Medium light gray   | Collected; catalog #3-71-1                              |
| 1      | Projectile point | Chert               | White   | Collected; catalog #10-59-1                             |
| 1      | Projectile point | Silicified sediment | Medium light gray   | Collected; catalog #10-59-2                             |
| 1      | Projectile point | Chalcedony          | Light brownish gray   | Collected; catalog #10-59-3                             |
| 1      | Projectile point | Chert               | Dusky red   | Collected; catalog #10-59-4                             |
| 1      | Projectile point | Chert               | Dark yellowish orange   | Collected; catalog #10-59-5                             |
| 1      | Projectile point | TRSS                | Light olive gray  | Collected; catalog #10-59-6                             |
| 1      | Projectile point | TRSS                | Light olive gray  | Collected; catalog #10-59-7                             |
| 1      | Biface fragment  | Quartzite           | Medium gray   | Collected; catalog #10-59-10                            |
| 1      | Biface           | Quartzite           | Gray  |   |
| 1      | Scraper          | Quartzite           | Mottled gray  |   |
| 1      | Scraper          | Chert               | Light brown   | Collected catalog #10-59-8                              |
| 1      | Core fragment    | Chalcedony          | Gray  |   |
| 3      | Core             | Chalcedony          | Gray, mottled pink-white, pink-gray   | Two expended  |
| 1      | Core             | Chert               | Pinkish gray  | Expended  |



Table 6.43 (continued).

| Number | Artifact Type     | Material   | Colors                                      | Comments |
|--------|-------------------|------------|---|----------|
| 1      | Spokeshave/graver | Quartzite  | Brown-red                                   |          |
| 1      | Preform fragment  | Chert      | Banded gold-pink                            |          |
| 2      | Tested cobble     | Chalcedony | Gray  |          |
| 5      | Shatter           | Chalcedony | Gray, light gray                            |          |
| 3      | Shatter           | Chert      | Pinkish gray, purple,<br>mottled pink-white |          |
| 1      | Shatter           | Quartzite  | Red   |          |

Eight projectile points, one scraper, one biface, and one retouched flake were collected in conjunction with the investigation and documentation of the prehistoric component of site 39FA1896. The projectile points reflect Paleoindian, Early Archaic, Middle Archaic, and Late Archaic/Woodland use of the site area.

One nearly complete side-notched projectile point (catalog number 3-71-1; Figure 6.220) is made from an extensively patinated medium light gray porcellanite. A small portion of the tip is broken, leaving a total length of 25.6 mm. The width is 20.4 mm and the thickness is 6.3 mm. The point exhibits a convex base and straight blade margins. This projectile point compares favorably with Laddie Creek points affiliated with the Early Archaic period (Frison 1991:84; Taylor 2006:295-298).

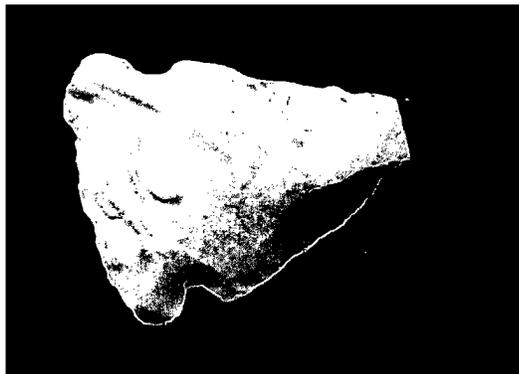


Figure 6.220. View of projectile point (catalog number 3-71-1) collected from site 39FA1896.

Two of the points are associated with the McKean complex (Middle Archaic). One white chert point (catalog number 10-59-1; Figure 6.221) exhibits a deep basal notch with no obvious notches on the side or corner. The tip is missing and the remaining length is 17.8 mm. The point is 18.1 mm wide and 4.0 mm thick. The second Middle Archaic point (catalog number 10-59-2; Figure 6.221) is complete. It also features a pronounced basal notch, but has shallow side notches. It is made from light gray Tongue River silicified sediment. The point is 40.9 mm long, 14.25 mm wide, and 5.5 mm thick. Both of these points generally conform to McKean Lanceolate point styles.

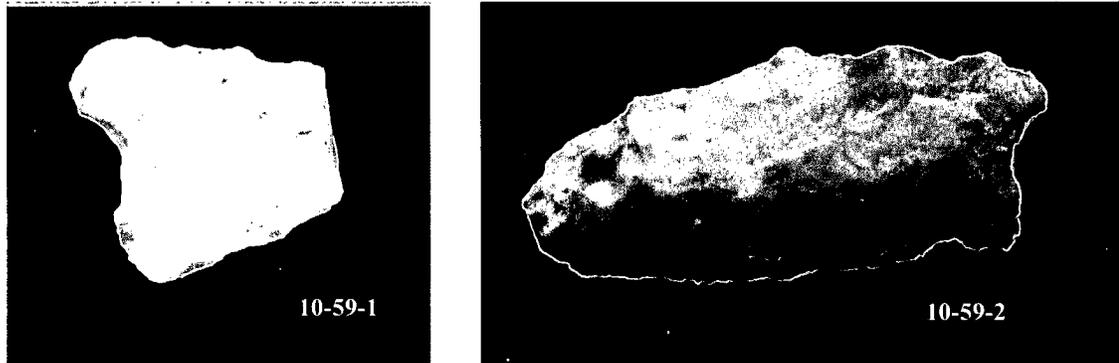


Figure 6.221. View of projectile points (catalog numbers 10-59-1 and 10-59-2) collected from site 39FA1896.

Two projectile points are affiliated with the Late Archaic or Plains Woodland periods. The first is a complete side-notched form (catalog number 10-59-4; Figure 6.222) that most closely resembles a Besant style point (Wettlaufer 1955). It was manufactured from dusky red Spearfish chert. The point is 22.8 mm long, 18.3 mm wide, and 4.5 mm thick, with a slightly convex base and incurvate blade margins. The other point of this general time frame (catalog number 10-59-5; Figure 6.222) is a Pelican Lake form (Frison 1991:104; Wettlaufer 1955) with a broken tip and a broken haft element base. It is deeply corner-notched with straight blade margins. The point was manufactured from dark yellowish orange Badlands dendritic chert. The broken length of the point is 25.9 mm; it is 21.7 mm wide and 4.1 mm thick.

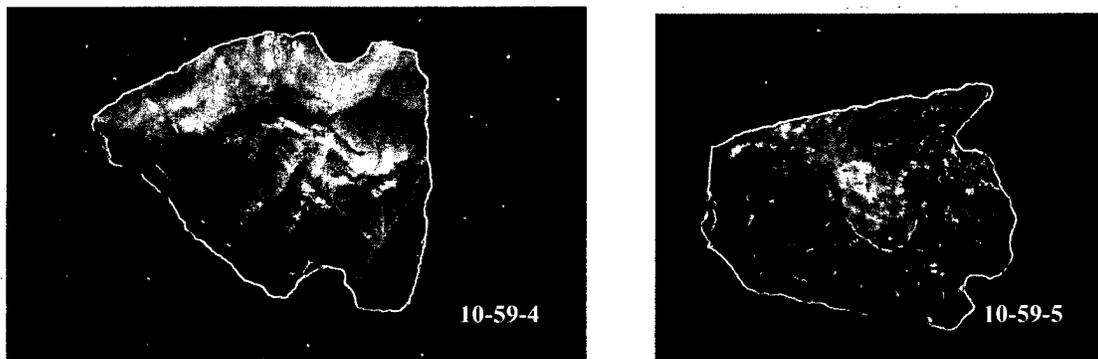


Figure 6.222. View of projectile points (catalog numbers 10-59-4 and 10-59-5) collected from site 39FA1896.

Three of the points are Paleoindian. Two of these are midsections but are identified as Paleoindian based on distinctive diagonal flaking and very symmetrical lenticular cross sections. One midsection (catalog number 10-59-3; Figure 6.223) is 26.2 mm wide and 6.1 mm thick. It is made of light brownish gray chalcedony. The other midsection (catalog number 10-59-7; Figure 6.223) is light olive gray Tongue River silicified sediment. It is 22.0 mm wide and 8.9 mm thick. The third Paleoindian point is the base and part of the blade of an Angostura form (catalog number 10-59-6; Figure 6.223). It is made of light olive gray Tongue River silicified sediment. The broken length is 31.0 mm. It is 20.7 mm wide and 6.8



mm thick. This point has a slightly contracting stem, a straight basal margin, diagonal flaking, and a lenticular cross section.

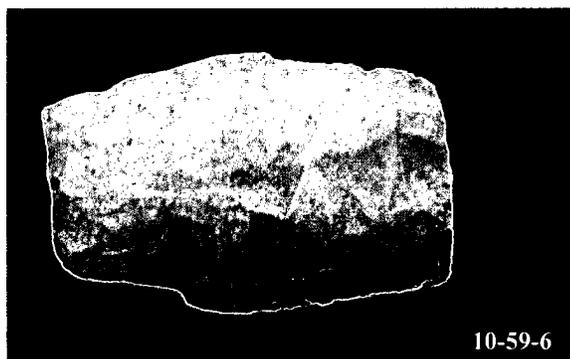
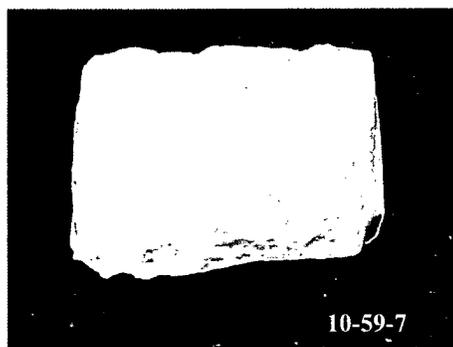
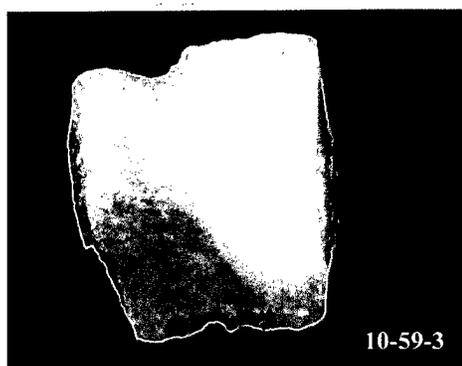


Figure 6.223. View of projectile points (catalog numbers 10-59-3, 10-59-7, and 10-59-6) collected from site 39FA1896.

The remainder of the prehistoric artifacts collected consists of a biface, a scraper, and a retouched tertiary flake. The scraper is made of light brown chert. It has a bit angle of  $75^{\circ}$  and is 31.2 mm long. The scraper is irregularly shaped (catalog number 10-59-8; Figure 6.224). The retouched tertiary flake is made on a grayish orange Tongue River silicified sediment pebble (catalog number 10-59-9; Figure 6.224). The slight retouch (or use damage) is exhibited along approximately 20 percent of the margin. The biface fragment is a medium gray quartzite pointed tip (catalog number 10-59-10; Figure 6.224). It is 28.8 mm long (broken), 34.6 mm wide, and 7.3 mm thick.

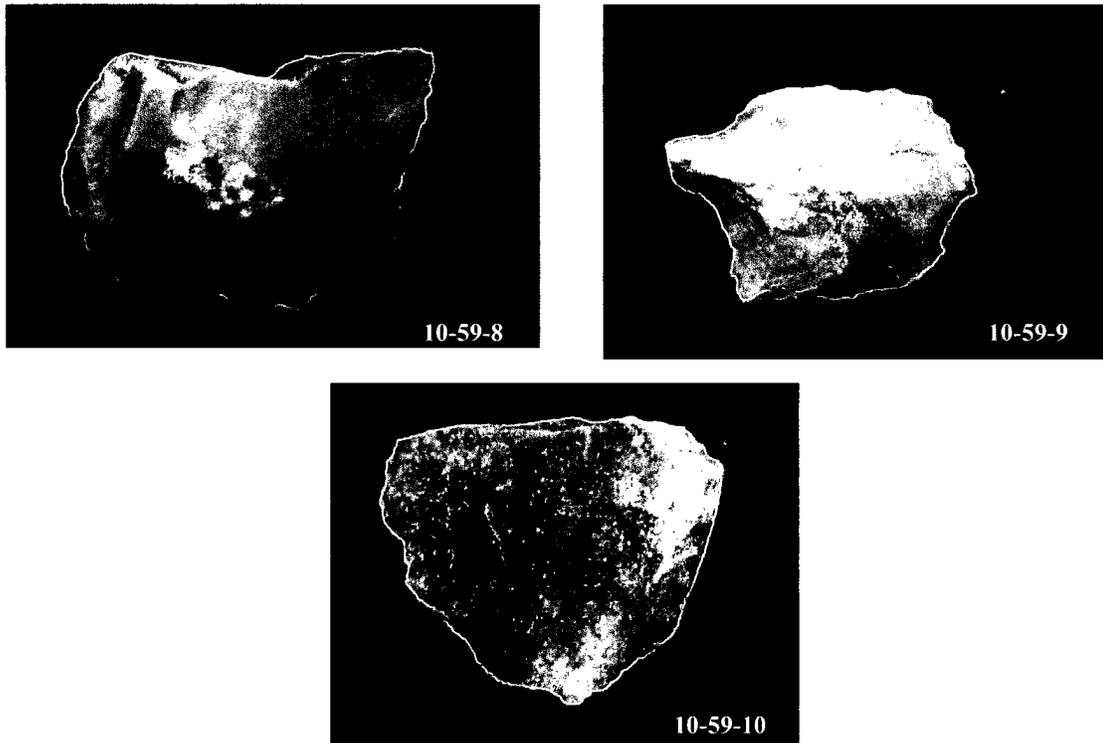


Figure 6.224. View of scraper (catalog number 10-59-8), retouched flake (catalog number 10-59-9), and biface (catalog number 10-59-10) collected from site 39FA1896.

Two artifacts were also collected from the surface of the historic component of site 39FA1896. One is a cylindrical glass bottle that is 42.6 mm in diameter and 166.2 mm high, with a slightly flaring stopper-style rim (catalog number 11-60-1). The characters "11" are embossed on the base. The other historic collected item is an 1890s ice cream dipper (catalog number 11-60-2; Figure 6.225) produced by the Kingery Manufacturing Company of Cincinnati, Ohio (Globe Antiques & Collectibles 2008). The handles and most of the cone-shaped scoop are intact.

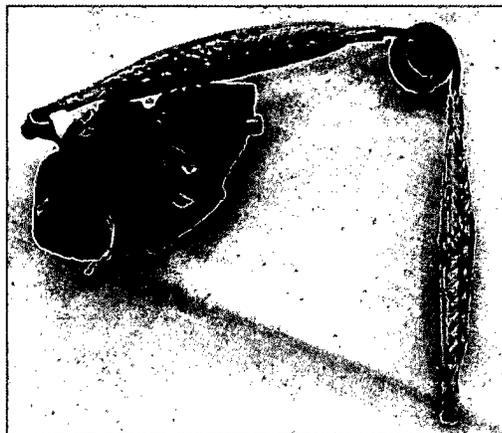


Figure 6.225. View of Kingery 1890s ice cream dipper (catalog #11-60-2) collected from site 39FA1896.



### 6.47.3 Interpretation and Recommendations

Site 39FA1896 represents a Native American artifact scatter and a historic Euroamerican artifact scatter. The projectile point sample collected from the site indicates reuse of the area through multiple time periods. There appears to be some intact topsoil within the site area. This suggests that there is potential for intact subsurface cultural deposits. The historic scatter at site 39FA1896 is not associated with structural remains and is of unknown origin.

The NRHP eligibility status of site 39FA1896 is considered under Criterion D of the NRHP, that is, having yielded, or having the potential to yield, information important in prehistory or history (NPS 1991:37). The NRHP eligibility status of site 39FA1896 could not be definitively determined within the scope of the current investigation. ALAC recommends additional evaluation of the prehistoric component of this site consisting of subsurface testing to assess the potential for significant intact cultural deposits. No further evaluation or work is recommended for the historic component.

### 6.48 SITE 39FA1897

**Site Number:** 39FA1897  
**Site Name:** N/A  
**Site Type:** Artifact Scatter  
**Cultural Affiliation:** Native American (Late Archaic/  
Woodland)  
**Site Area:** .05 ha  
**Landscape Position:** Rolling Plain

**Field Number:** 3-70  
**Elevation (m):** 1,112  
**Site Condition:** Disturbed  
**Subsurface Testing:** N/A

**Appendix D Map Reference:** D-2  
**NRHP Recommendation:** Not Eligible

#### 6.48.1 Site Description

Site 39FA1897 (Figures 6.226 and 6.227) is a very sparse prehistoric lithic scatter measuring 26 m N-S x 22 m E-W. This site is situated on an eroded surface at the foot of a gentle slope. Current vegetation consists of short grass and prickly pear. Visibility in the site area averages 70 percent.



Figure 6.226. Overview of site 39FA1897, facing south.

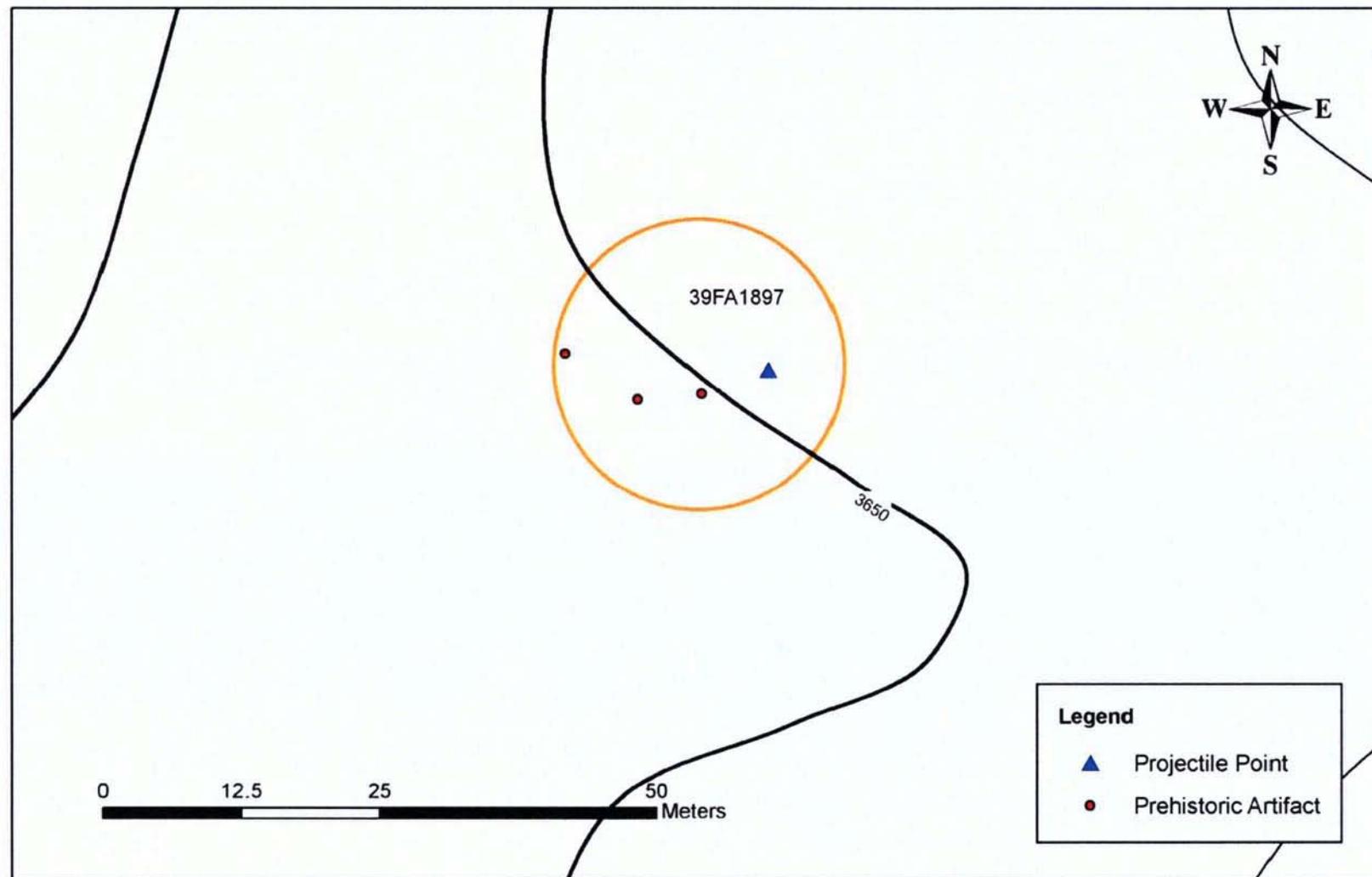


Figure 6.227. Plan view of site 39FA1897.



### 6.48.2 Artifact and Feature Inventory

A secondary flake, a tertiary flake, a retouched flake, and a side-notched projectile point fragment were observed at the site. Table 6.44 details the artifacts identified at the site. No additional artifacts or cultural features were observed.

The projectile point fragment was collected during the site 39FA1897 investigation (catalog number 3-70-1; Figure 6.228). The specimen is produced on very light gray silicified wood. It consists of part of the blade and the entire haft element. The length of the specimen is 25.5 mm, the width is 18.9 mm, and the thickness is 3.8 mm. The projectile point has shallow side notches, a slightly concave base, and excurvate blade margins. Although somewhat atypical, the point most closely resembles a Besant point affiliated with Northern Plains Late Archaic and Woodland complexes (Wettlaufer 1955).

Table 6.44. Artifacts Observed at Site 39FA1897.

| Number | Artifact Type    | Material        | Colors            | Comments                   |
|--------|------------------|-----------------|-------------------|----------------------------|
| 2      | Secondary flake  | Chalcedony      | Gray, light brown | One retouched              |
| 1      | Tertiary flake   | Chalcedony      | Light brown       |                            |
| 1      | Projectile point | Silicified wood | Very light gray   | Collected; catalog #3-70-1 |

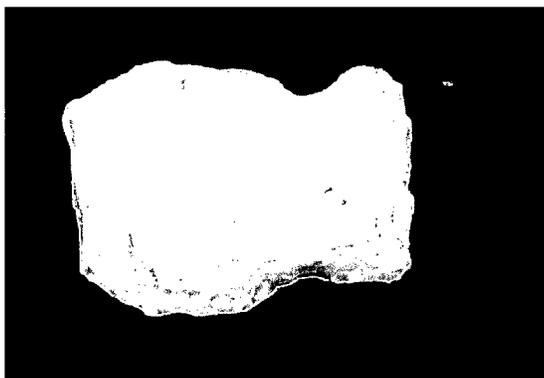


Figure 6.228. View of projectile point (catalog number 3-70-1) collected from site 39FA1897.

### 6.48.3 Interpretation and Recommendations

Site 39FA1897 represents a sparse Native American artifact scatter. The site is situated on the eroded foot of a gentle hill slope.

The NRHP eligibility status of site 39FA1897 is considered under Criterion D of the NRHP, that is, having yielded, or having the potential to yield, information important in prehistory or history (NPS 1991:37). The integrity of the site has been compromised by erosion. The severe erosion of the landform on which the site is located indicates no potential for intact subsurface cultural deposits or features. This suggests that the site does not possess the potential to yield datasets capable of addressing specific research questions that would further our collective understanding of prehistoric cultures in the area. Site 39FA1897 does not satisfy the specifications set forth in Criterion D of the NRHP (NPS 1991:37). ALAC



recommends that this site be considered not eligible for listing on the NRHP. No further work is recommended.

#### 6.49 SITE 39FA1898

**Site Number:** 39FA1898  
**Site Name:** N/A  
**Site Type:** Artifact Scatter  
**Cultural Affiliation:** Native American  
**Site Area:** 3.6 ha  
**Landscape Position:** Rolling Plains

**Field Number:** 3-1  
**Elevation (in m):** 1112  
**Site Condition:** Disturbed  
**Subsurface Testing:** N/A  
**Appendix D Map Reference:** D-2  
NRHP  
**Recommendation:** Unevaluated

##### 6.49.1 Site Description

Site 39FA1898 (Figures 6.229 and 6.230) is a Native American artifact scatter measuring approximately 337 m N-S x 100 m E-W. The site is situated on a nearly level plain in short grass pasture. Visibility in the site area averages 50 percent. There appears to be some intact topsoil in the site area.



Figure 6.229. Overview of site 39FA1898, facing north-northeast.

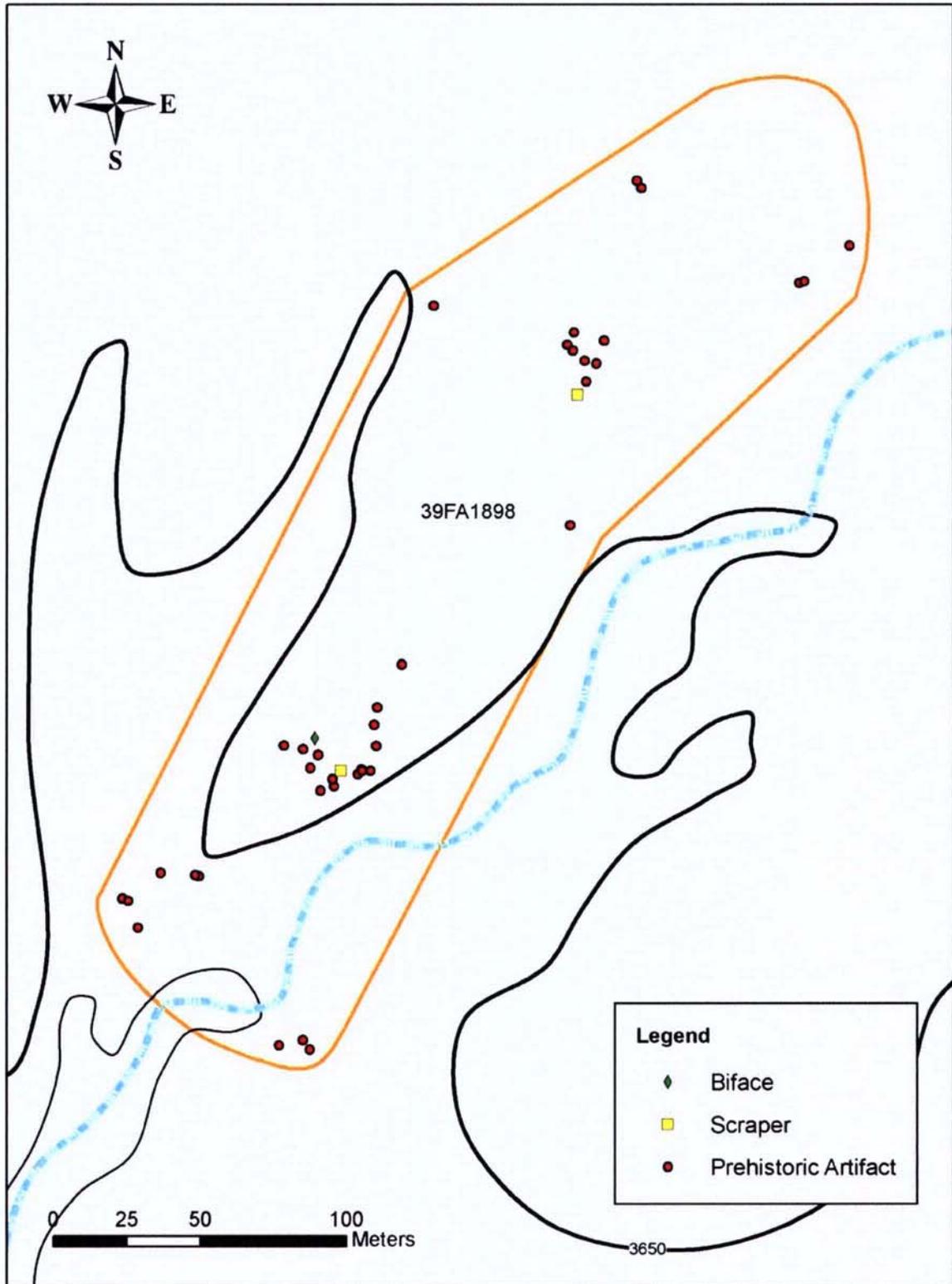


Figure 6.230. Plan view of site 39FA1898.



## 6.49.2 Artifact and Feature Inventory

Primary and tertiary flakes, utilized/retouched flakes, shatter, FCR, bifaces, and scrapers were observed at site 39FA1898. Table 6.45 details the artifacts identified at the site. No cultural features were observed at this site.

Two artifacts were collected from site 39FA1898. The first (catalog number 3-1-1; Figure 6.231) is a crude, complete, pointed biface manufactured from a moderate yellowish brown coarse quartzite. It has a pointed tip and excurvate sides and base. The biface measures 41.7 mm long, 30.8 mm wide, and 9.8 mm thick. The other artifact is a small edge fragment of a biface of indeterminate form (catalog number 3-1-2; Figure 6.231). The specimen is 6.05 mm thick and is made of a grayish brown chalcedony exhibiting patination across approximately 20 percent of the surface.

Table 6.45. Artifacts Observed at Site 39FA1898.

| Number | Artifact Type   | Material            | Colors  | Comments                       |
|--------|-----------------|---------------------|---|--------------------------------|
| 2      | Primary flake   | Quartzite           | Yellowish tan, brown  |                                |
| 5      | Primary flake   | Chert               | White, brown-gray, light gray, purple   |                                |
| 1      | Primary flake   | Chalcedony          | Mottled white-gray  |                                |
| 14     | Tertiary flake  | Chert               | Purple-gray, purple, banded tan-purple, light tan-gray, light gray, mottled tan-brown, pink-gray, light red, white, yellowish tan | Two retouched, one utilized    |
| 12     | Tertiary flake  | Chalcedony          | Gray, light gray, white, pink, yellowish tan, brown-tan   | One retouched                  |
| 5      | Tertiary flake  | Quartzite           | Light gray, white-light gray, purple  | One retouched, one utilized    |
| 6      | FCR             |                     |   |                                |
| 1      | Biface          | Quartzite           | Moderate yellowish brown  | Collected; catalog #3-1-1      |
| 1      | Biface fragment | Chalcedony          | Grayish brown   | Collected; catalog #3-1-2      |
| 1      | Scraper         | Chalcedony          | Purplish brown  |                                |
| 1      | Scraper         | Silicified sediment | Gray  | Crude; retouched primary flake |
| 2      | Shatter         | Chalcedony          | Light gray-purple, light brown-cream-tan  |                                |
| 8      | Shatter         | Chert               | Light purple-gray, banded tan-purple, light gray, salmon, white   |                                |
| 1      | Shatter         | Quartzite           | Purple-gray   |                                |
| 4      | Shatter         | Silicified sediment | Red   |                                |

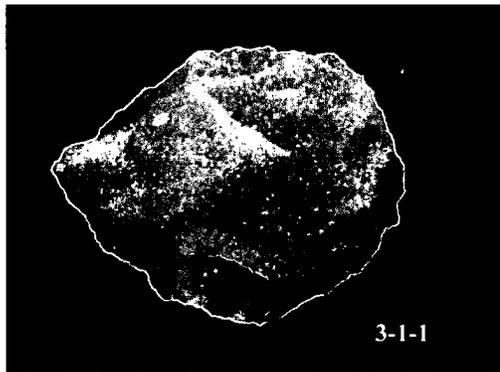


Figure 6.231. View of bifaces (catalog numbers 3-1-1 and 3-1-2) collected from site 39FA1898.

### 6.49.3 Interpretation and Recommendations

Site 39FA1898 represents a Native American artifact scatter. The site area has been subjected to wind and water erosion. There appears, however, to be some intact topsoil. This suggests that there is potential for intact subsurface cultural deposits.

The NRHP eligibility status of site 39FA1898 is considered under Criterion D of the NRHP, that is, having yielded, or having the potential to yield, information important in prehistory or history (NPS 1991:37). The NRHP eligibility status of site 39FA1898 could not be definitively determined within the scope of the current investigation. ALAC recommends additional evaluation of this site consisting of limited subsurface testing to assess the potential for significant cultural deposits.

### 6.50 SITE 39FA1899

**Site Number:** 39FA1899  
**Site Name:** N/A  
**Site Type:** Isolated Find  
**Cultural Affiliation:** Native American  
**Site Area:** .001 ha  
**Landscape Position:** Rolling Plain

**Field Number:** 3-68  
**Elevation (m):** 1,112  
**Site Condition:** Disturbed  
**Subsurface Testing:** N/A  
**Appendix D Map Reference:** D-2  
**NRHP Recommendation:** Not Eligible

#### 6.50.1 Site Description

Site 39FA1899 (Figure 6.232) is an isolated find locale measuring 1 m<sup>2</sup>. This site is situated on a deflated rise. Visibility in the site area is 75 percent. Vegetation in the site area consists of short grass.

#### 6.50.2 Artifact and Feature Inventory

One white quartzite tertiary flake was observed at the site. The flake was not collected. No features, additional artifacts, or datable/diagnostic materials were observed.

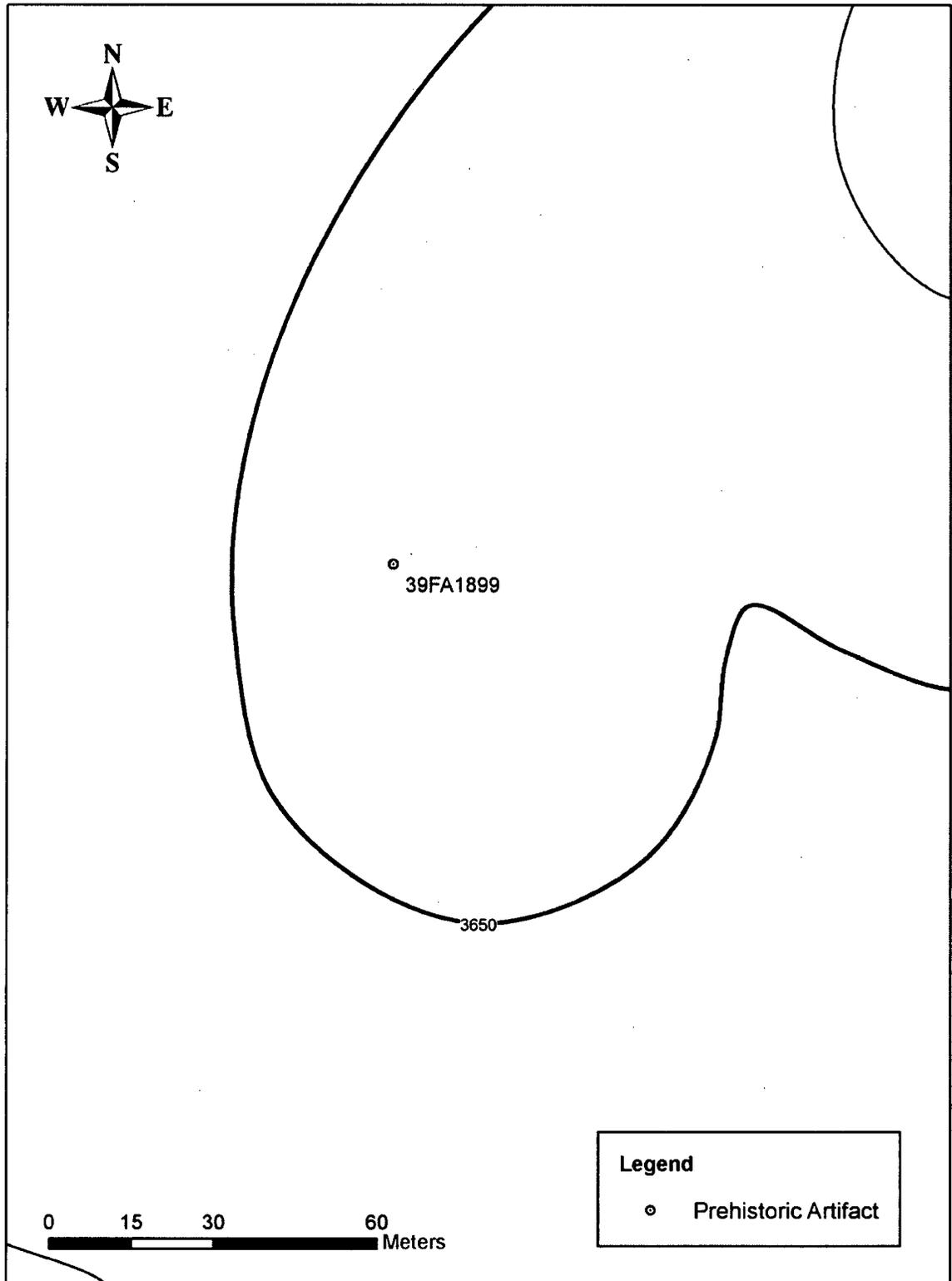


Figure 6.232. Plan view of site 39FA1899.



### 6.50.3 Interpretation and Recommendations

Site 39FA1899 represents a Native American isolated find. The position of the site on an exposed landform leaves it continually subjected to wind and water erosion. This has resulted in severe erosion and deflation.

The NRHP eligibility status of site 39FA1899 is considered under Criterion D of the NRHP, that is, having yielded, or having the potential to yield, information important in prehistory or history (NPS 1991:37). The site lacks diagnostic or datable materials and cannot be evaluated in a specific historic context. The integrity of the site has been compromised by erosion. The severe erosion of the landform on which the site is located indicates no potential for intact subsurface cultural deposits or features. This suggests that the site does not possess the potential to yield datasets capable of addressing specific research questions that would further our collective understanding of prehistoric cultures in the area. Site 39FA1899 does not satisfy the specifications set forth in Criterion D of the NRHP (NPS 1991:37). ALAC recommends that this site be considered not eligible for listing on the NRHP. No further work is recommended.

### 6.51 SITE 39FA1900

**Site Number:** 39FA1900  
**Site Name:** N/A  
**Site Type:** Isolated Find  
**Cultural Affiliation:** Native American  
**Site Area:** .02  
**Landscape Position:** Rolling Plain

**Field Number:** 3-69  
**Elevation (m):** 1,109  
**Site Condition:** Disturbed  
**Subsurface Testing:** N/A  
**Appendix D Map Reference:** D-2  
**NRHP Recommendation:** Not Eligible

#### 6.51.1 Site Description

Site 39FA1900 (Figure 6.233) is an isolated find locale measuring 20 m in diameter. This site is situated on an eroded surface adjacent to an intermittent drainage. Vegetation in the site area consists of short grass. Visibility in the site area averages 50 percent.

#### 6.51.2 Artifact and Feature Inventory

One gray quartzite tertiary flake and one reddish gray banded chert retouched tertiary flake were observed at the site. The flakes were not collected. No features, additional artifacts, or datable diagnostic materials were observed.

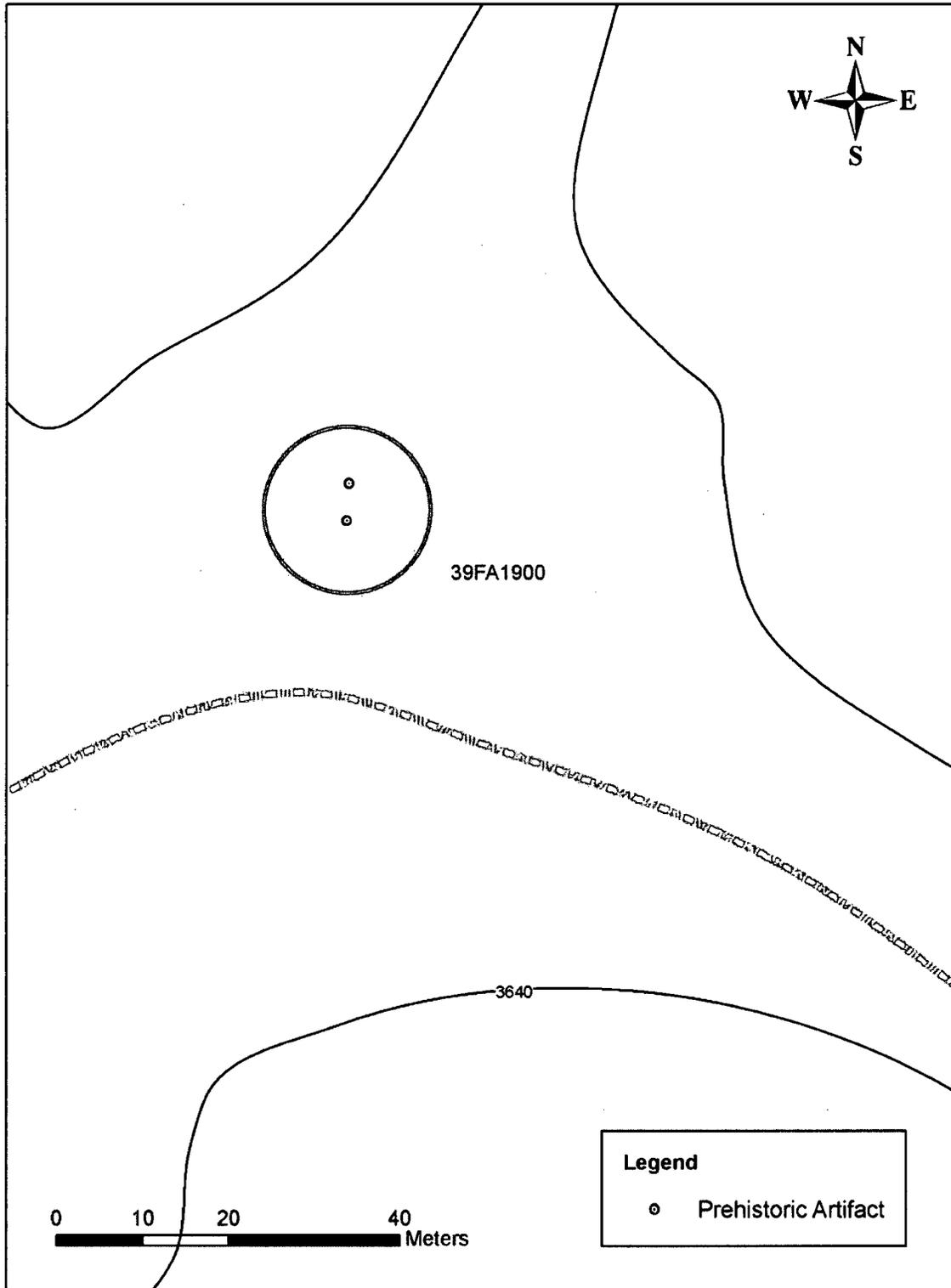


Figure 6.233. Plan view of site 39FA1900.



### 6.51.3 Interpretation and Recommendations

Site 39FA1900 represents a Native American isolated find. The position of the site on an exposed landform leaves it continually subjected to wind and water erosion.

The NRHP eligibility status of site 39FA1900 is considered under Criterion D of the NRHP, that is, having yielded, or having the potential to yield, information important in prehistory or history (NPS 1991:37). The site lacks diagnostic or datable materials and cannot be evaluated in a specific historic context. The integrity of the site has been compromised by erosion. The severe erosion of the landform on which the site is located indicates no potential for intact subsurface cultural deposits or features. This suggests that the site does not possess the potential to yield datasets capable of addressing specific research questions that would further our collective understanding of prehistoric cultures in the area. Site 39FA1900 does not satisfy the specifications set forth in Criterion D of the NRHP (NPS 1991:37). ALAC recommends that this site be considered not eligible for listing on the NRHP. No further work is recommended.

### 6.52 SITE 39FA1901

**Site Number:** 39FA1901

**Site Name:** N/A

**Site Type:** Artifact Scatter, Well/Cistern

**Cultural Affiliation:** Native American, Euroamerican

**Site Area:** 1.45 ha

**Landscape Position:** Rolling Plains

**Field Number:** 3-73

**Elevation (in m):** 1,114

**Site Condition:** Disturbed

**Subsurface Testing:** N/A

**Appendix D Map Reference:** D-2

**NRHP Recommendation:** Unevaluated

#### 6.52.1 Site Description

Site 39FA1901 (Figures 6.234 and 6.235) is a multi-component site consisting of a sparse Native American artifact scatter, an historic Euroamerican artifact scatter, and a well. The site area measures 177 m N-S x 65 m E-W. The site is situated on scrubland on a nearly level plain of Pass Creek valley. Visibility in the site area averages 50 percent.

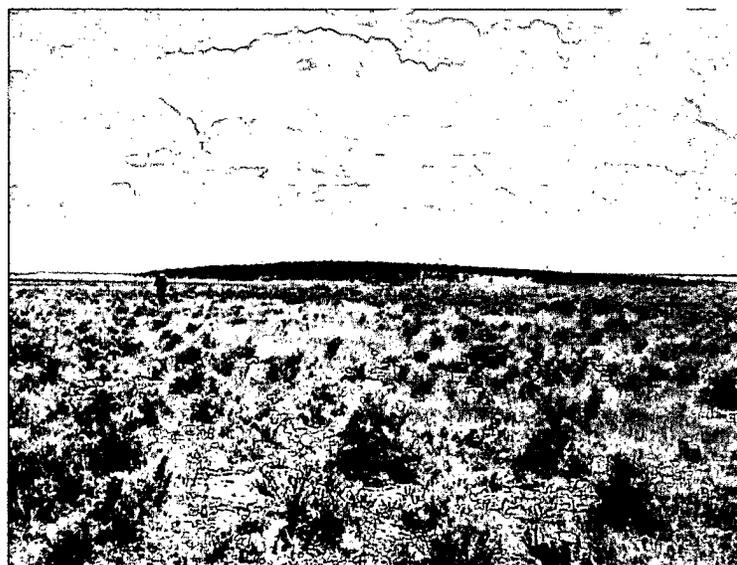


Figure 6.234. Overview of site 39FA1901, facing south.

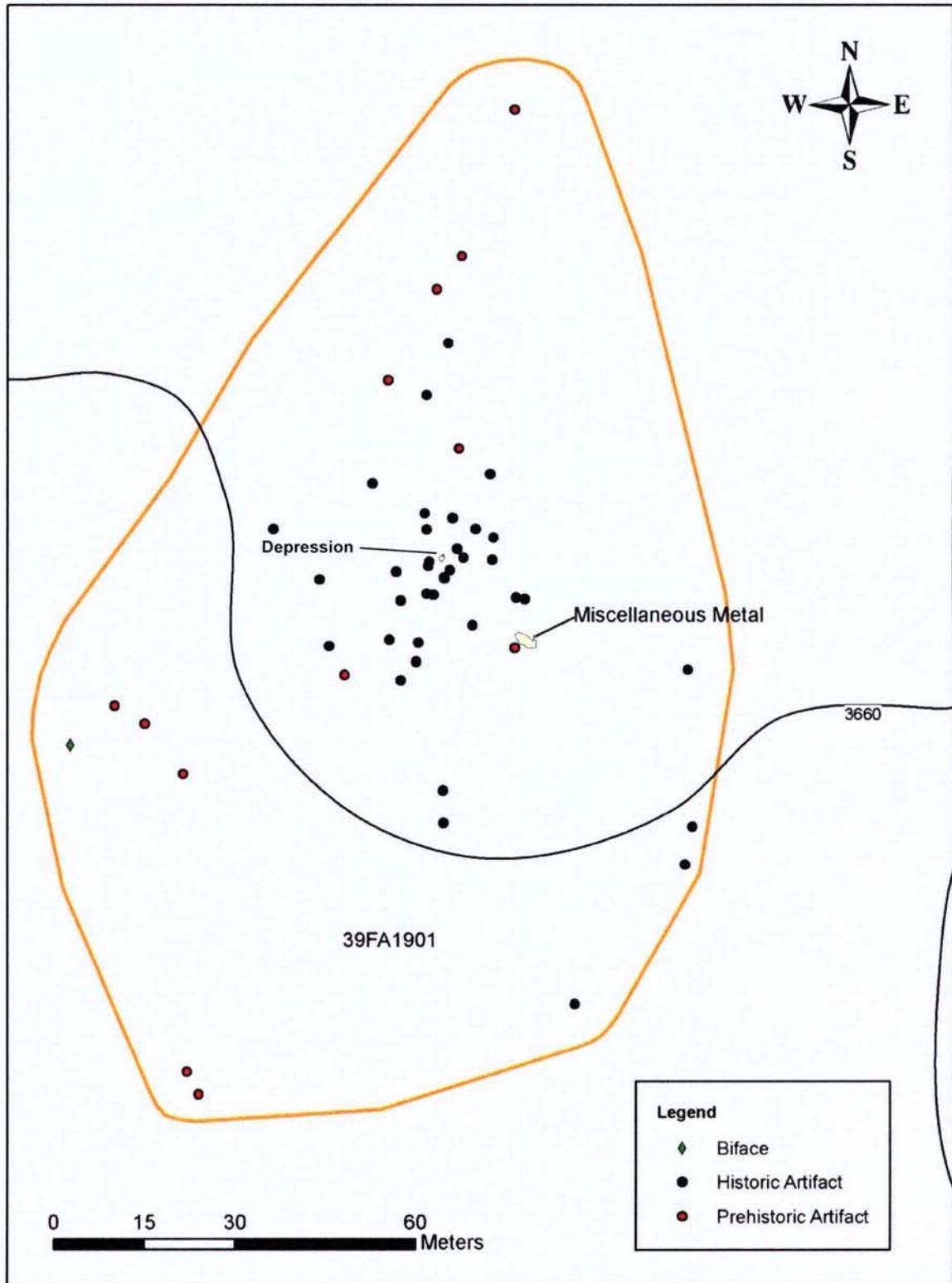


Figure 6.235. Plan view of site 39FA1901.