5.91 SITE 39CU3781

Site Number: 39CU3781
Site Name: N/A
Site Type: Artifact Scatter
Cultural Affiliation: Native American
Site Area: .61 ha
Landscape Position: Ridge Crest/Slope

Field Number: 35-281, 35-283
Elevation (in m): 1,158
Site Condition: Disturbed
Subsurface Testing: N/A
Appendix D Map Reference: D-1
NRHP Recommendation: Not Eligible

5.91.1 Site Description

Site 39CU3781 is a diffuse, sparse Native American artifact scatter situated on the slope and crest of an eroded, lightly wooded finger ridge (Figures 5.337 and 5.338). The site measures approximately 109 m N-S x 130 m E-W. The heavily deflated nature of the site area is evidenced by numerous exposures of shale bedrock. The site area is in sagebrush, scrub brush, and short grass. Ground surface visibility averages 50 percent.

5.91.2 Artifact and Feature Inventory

Artifacts observed at site 39CU3781 include flakes (primary, secondary, and tertiary) and a biface (Table 5.87). No artifacts were collected from this site. All artifacts were observed surficially. No cultural features were observed at the site.

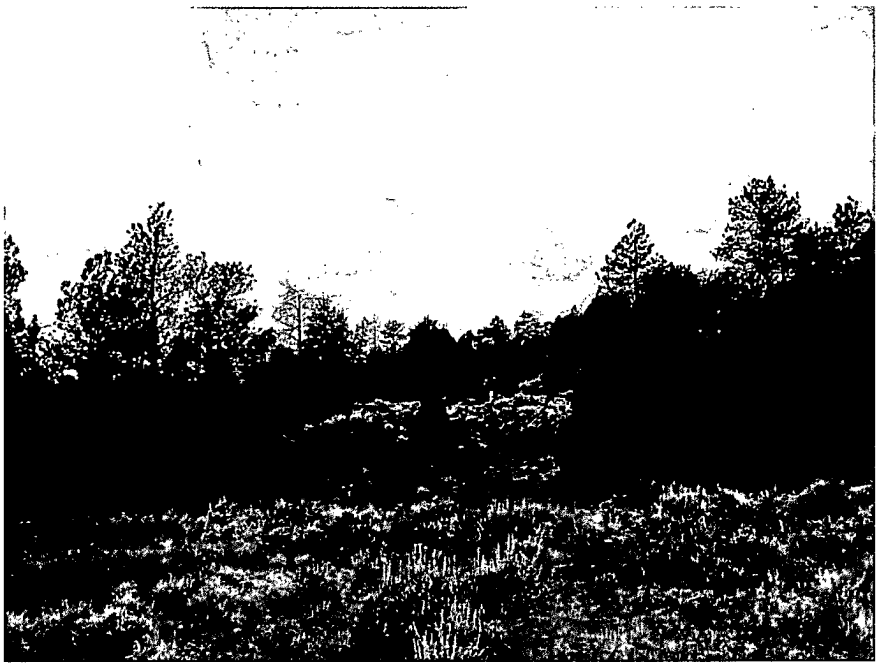

Figure 5.337. Overview of site 39CU3781, facing southwest.

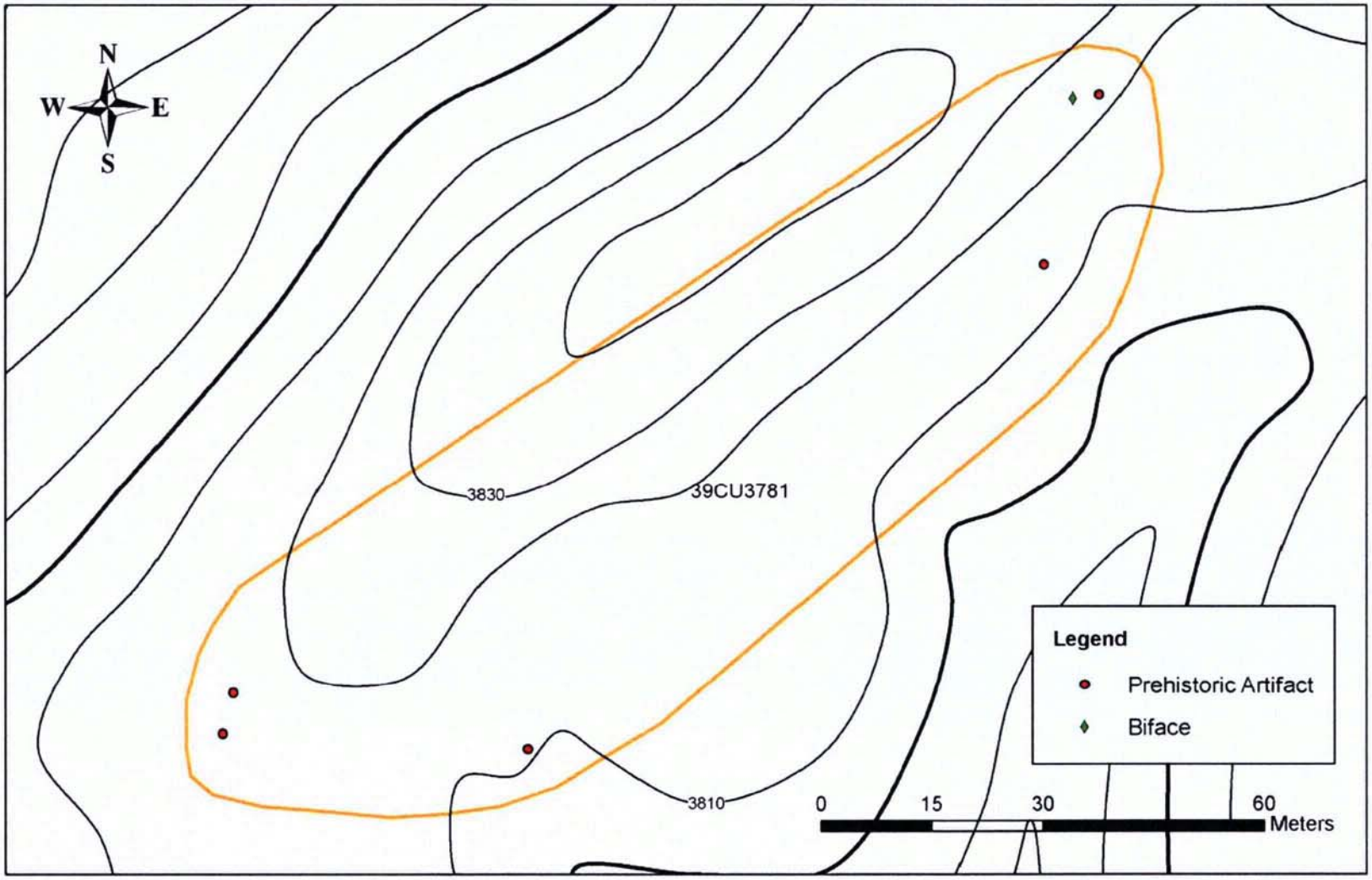

Figure 5.338. Plan view of site 39CU3781.

Table 5.87. Artifacts Observed at Site 39CU3781.

Number	Artifact Type	Material	Colors	Comments
1	Primary flake	Chert	Gray	
2	Secondary flake	Chert	Yellowish brown, tan-gray	
1	Tertiary flake	Quartzite	Light gray	
1	Tertiary flake	Chert	Purple	
1	Biface	Chert	Gray-pink	

5.91.3 Interpretation and Recommendations

Site 39CU3781 represents a Native American artifact scatter. The position of the site on an exposed landform leaves it continually subjected to wind and water erosion. This has resulted in deflation of the site area to numerous gravel exposures.

The NRHP eligibility status of site 39CU3781 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 sheet wash and wind erosion. The deflated nature of the landform on which the site is located indicates no potential for buried, intact cultural material 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 39CU3781 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.

5.92 SITE 39CU3782

Site Number: 39CU3782
Site Name: N/A
Site Type: Artifact Scatter
Cultural Affiliation: Native American
Site Area: 0.04 ha
Landscape Position: Ridge Slope

Field Number: 35-282
Elevation (in m): 1,173
Site Condition: Disturbed
Subsurface Testing: N/A
Appendix D Map Reference: D-1
NRHP Recommendation: Not Eligible

5.92.1 Site Description

Site 39CU3782 is a small, sparse lithic scatter located on a slope below a narrow finger ridge (Figures 5.339 and 5.340). The site measures approximately 18 m N-S x 26 m E-W. Vegetation in the site area consists of sparse conifer forest and short grass, with frequent bedrock exposures. Ground surface visibility averages 50 percent.

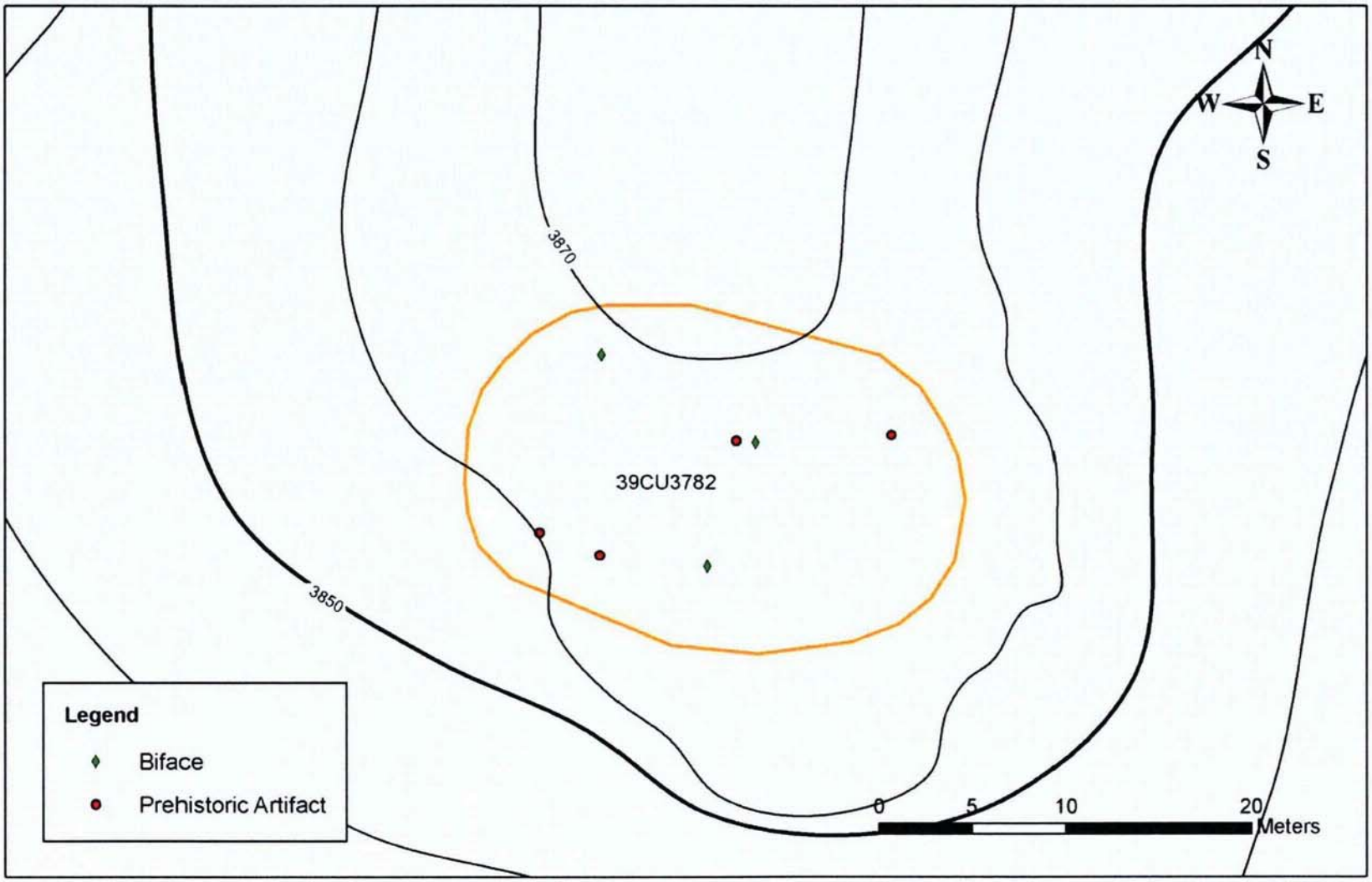

Figure 5.339. Plan view of site 39CU3782.

Figure 5.340. Overview of site 39CU3782, facing southeast.

5.92.2 Artifact and Feature Inventory

Artifacts observed at site 39CU3782 include primary and tertiary flakes, a retouched flake, bifaces, a scraper, and a piece of shatter (Table 5.88). Lithic materials include chert, quartzite and chalcedony. One biface was collected. No cultural features were observed.

Table 5.88. Artifacts Observed at Site 39CU3782.

Number	Artifact Type	Material	Colors	Comments
1	Primary flake	Unknown	Light brown-gray	
2	Tertiary flake	Chert	Gray, purple	One retouched
1	Tertiary flake	Unknown	Unknown	
1	Biface	Quartzite	Light gray	Collected; catalog #35-282-1
1	Biface	Plate chalcedony		
1	Bifacial scraper	Chert	Purple	
1	Shatter	Chalcedony	Light gray	

One artifact was collected from site 39CU3782. The specimen is a complete pointed biface made of light gray quartzite (catalog number 35-282-1; Figure 5.341). This knife has a nearly straight base with convex blade margins converging to a sharp point. It measures 78.4 mm long, 41.0 mm wide, and 12.2 mm thick.

Figure 5.341. View of pointed biface (catalog number 35-282-1) from site 39CU3782.

5.92.3 Interpretation and Recommendations

Site 39CU3782 is a sparse Native American lithic scatter. It is not associated with a particular cultural complex or time period. The landform on which the site is located has been continually subjected to wind and water erosion. This has resulted in deflation of the site area to bedrock exposures.

The NRHP eligibility status of site 39CU3782 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 sheet wash erosion. The deflated nature of the landform on which the site is located indicates no potential for buried, intact cultural material or features. Therefore, 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 39CU3782 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.

5.93 SITE 39CU3783

Site Number: 39CU3783
Site Name: N/A
Site Type: Artifact Scatter
Cultural Affiliation: Native American
Site Area: 0.66 ha
Landscape Position: Ridge Slope

Field Number: 33-207
Elevation (in m): 1,130
Site Condition: Disturbed
Subsurface Testing: N/A
Appendix D Map Reference: D-1
NRHP Recommendation: Not Eligible

5.93.1 Site Description

Site 39CU3783 is a sparse lithic scatter situated on a deflated upland ridge slope overlooking the Beaver Creek valley to the west (Figures 5.342 and 5.343). The site measures approximately 82 m N-S x 119 m E-W. Vegetation in the site area consists of short grass and sagebrush. Ground surface visibility averages 50 percent.

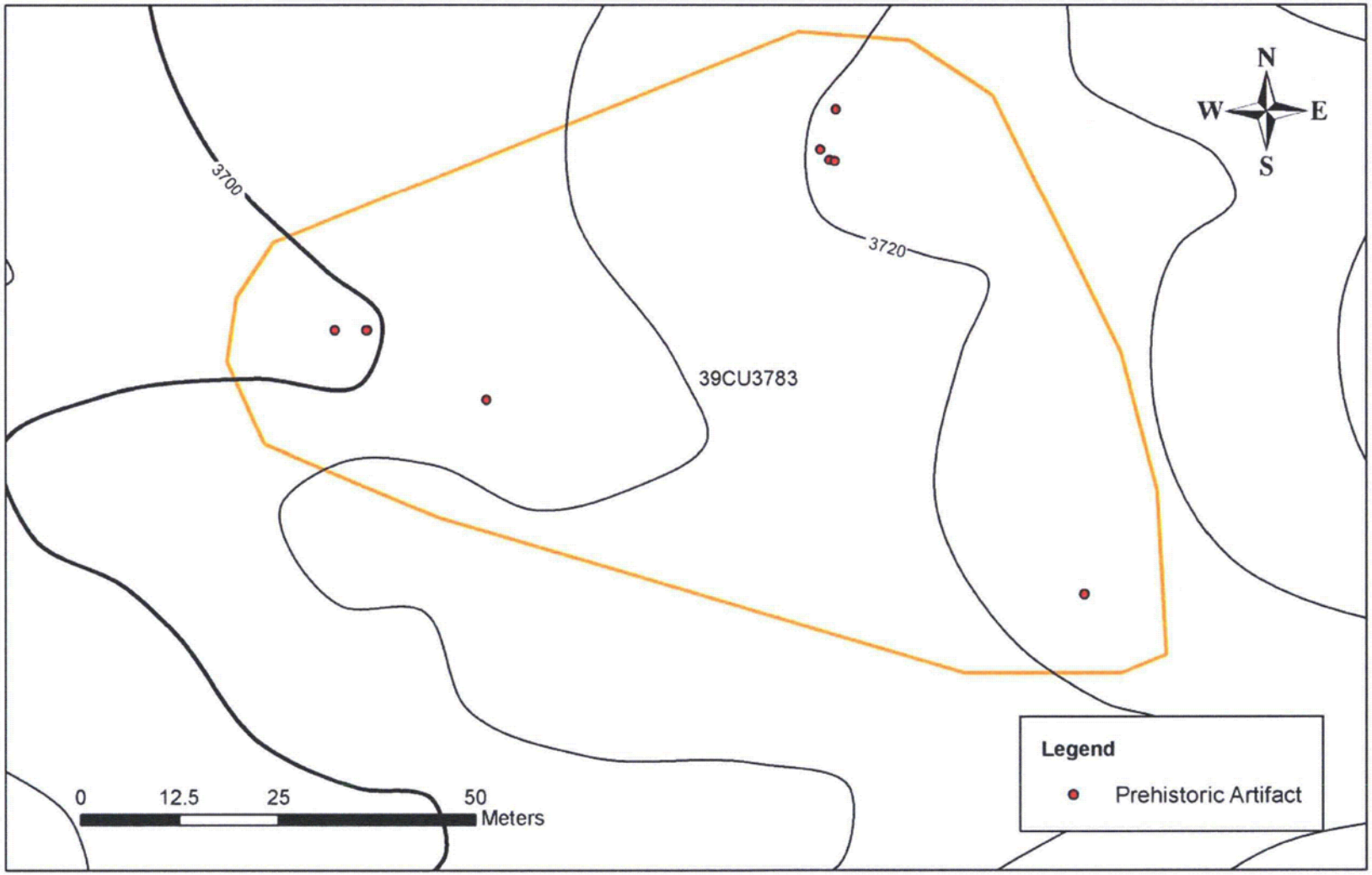

Figure 5.342. Plan view of site 39CU3783.

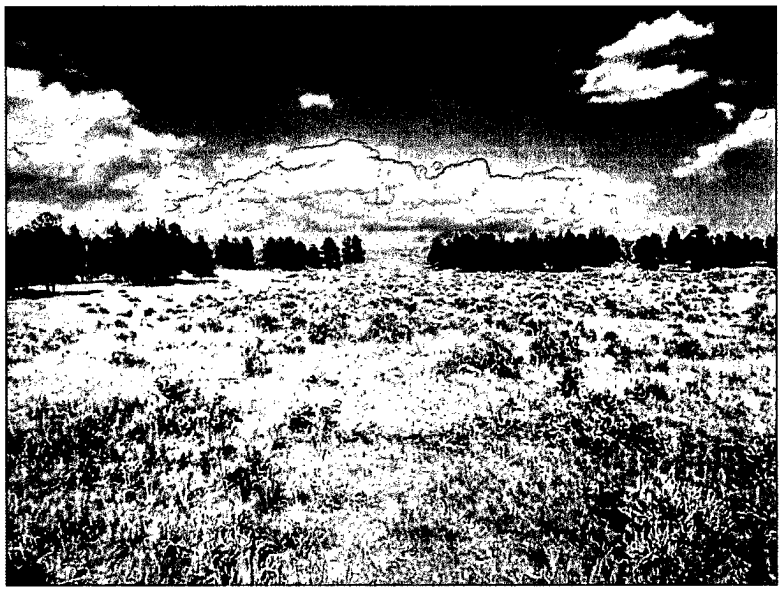

Figure 5.343. Overview of site 39CU3783, facing east.

5.93.2 Artifact and Feature Inventory

Artifacts observed at 39CU3783 include flakes, a retouched flake, a tested/utilized pebble, and a piece of shatter (Table 5.89). No artifacts were collected from this site. No cultural features were observed.

Table 5.89. Artifacts Observed at Site 39CU3783.

Number	Artifact Type	Material	Colors	Comments
5	Flakes	Chert	Purple, gray	
1	Flake	Quartzite	Gray	Retouched
1	Tested pebble	Chalcedony	Gray-brown	Utilized
1	Shatter	Chert	Purple	

5.93.3 Interpretation and Recommendations

Site 39CU3783 is a very sparse Native American lithic scatter. The artifacts are located on a deflated surface.

The NRHP eligibility status of site 39CU3783 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 deflated nature of the landform on which the site is located indicates no potential for buried, intact cultural material or features. Therefore, 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 39CU3783 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.

CHAPTER 6: FALL RIVER COUNTY CULTURAL RESOURCES INVENTORY AND NRHP RECOMMENDATIONS

6.1 OVERVIEW

Chapter 6 presents the results of archeological field investigations conducted by ALAC in 2007 within the Fall River County portion of the proposed Dewey-Burdock Uranium Project APE. Descriptions and interpretations of the cultural resources documented during the course of the current study are provided. Sites descriptions are presented individually in numerically-ascending order (Table 6.1).

General information is listed for each archeological site and is followed by a description of the site and its current landscape position. In cases where previously recorded sites were expanded as a result of the current survey, the site area measurements provided in the site descriptions reflect these newly-expanded boundaries. Site maps and photographs are included. Artifact inventories and descriptions of any collected artifacts are presented, as are any appropriate photographs of artifacts or features documented. Subsurface testing was conducted at three sites and is discussed following artifact descriptions for those sites. Interpretations, assessments concerning each site's eligibility status for potential listing on the NRHP, and management recommendations are provided.

Table 6.1. Archeological Sites Documented in Fall River County.

Site Number	Cultural Affiliation	Site Type	NRHP Recommendation	Management Recommendation
39FA96*	Native American/ Euroamerican	Occupation/ Artifact Scatter/Burial/ Nonfarm Ruins/Dump	Unevaluated	Additional Evaluation
39FA97	Native American/ Euroamerican	Artifact Scatter/ Farmstead	Unevaluated	Additional Evaluation
39FA251	Native American	Artifact Scatter/ Hearth	Unevaluated	Additional Evaluation
39FA269	Native American	Artifact Scatter	Unevaluated	Additional Evaluation
39FA272	Native American	Artifact Scatter	Unevaluated	Additional Evaluation
39FA273	Native American	Artifact Scatter	Unevaluated	Additional Evaluation
39FA557	Euroamerican	Farmstead	Unevaluated	Additional Evaluation
39FA584	Euroamerican	Farmstead/ Artifact Scatter	Unevaluated	Additional Evaluation
39FA740†	Native American	Artifact Scatter	Unevaluated	Additional Evaluation
39FA778	Euroamerican	Farmstead	Not Eligible	No Further Work
39FA1859	Native American	Artifact Scatter	Unevaluated	Additional Evaluation
39FA1860	Native American	Artifact Scatter	Not Eligible	No Further Work
39FA1861	Native American	Isolated Find	Not Eligible	No Further Work
39FA1862	Native American	Artifact Scatter/Cairn/ Stone Circles	Unevaluated	Additional Evaluation

Table 6.1 (continued).

Site Number	Cultural Affiliation	Site Type	NRHP Recommendation	Management Recommendation
39FA1863	Native American	Artifact Scatter/Cairn/ Stone Circle/Alignment	Unevaluated	Additional Evaluation
39FA1864	Native American	Artifact Scatter	Unevaluated	Additional Evaluation
39FA1865	Native American	Artifact Scatter	Not Eligible	No Further Work
39FA1868	Native American	Isolated Find	Not Eligible	No Further Work
39FA1869	Native American	Artifact Scatter	Unevaluated	Additional Evaluation
39FA1870	Native American	Artifact Scatter	Unevaluated	Additional Evaluation
39FA1871	Native American	Isolated Find	Not Eligible	No Further Work
39FA1872	Native American	Isolated Find	Not Eligible	No Further Work
39FA1873	Native American	Isolated Find	Not Eligible	No Further Work
39FA1874	Native American	Artifact Scatter	Unevaluated	Additional Evaluation
39FA1875	Native American	Artifact Scatter	Not Eligible	No Further Work
39FA1876	Native American	Isolated Find	Not Eligible	No Further Work
39FA1877	Native American	Isolated Find	Not Eligible	No Further Work
39FA1878	Native American	Isolated Find	Not Eligible	No Further Work
39FA1879	Native American	Isolated Find	Not Eligible	No Further Work
39FA1880	Native American	Artifact Scatter	Unevaluated	Additional Evaluation
39FA1881	Native American	Artifact Scatter/Cairn	Unevaluated	Additional Evaluation
39FA1882	Euroamerican	Townsite/Road	Unevaluated	Additional Evaluation
39FA1883	Native American	Artifact Scatter	Not Eligible	No Further Work
39FA1884	Native American	Artifact Scatter	Not Eligible	No Further Work
39FA1885	Native American	Artifact Scatter	Unevaluated	Additional Evaluation
39FA1886	Native American	Artifact Scatter	Not Eligible	No Further Work
39FA1887	Native American	Artifact Scatter	Unevaluated	Additional Evaluation
39FA1888	Native American	Artifact Scatter	Not Eligible	No Further Work
39FA1889	Native American	Artifact Scatter	Not Eligible	No Further Work
39FA1890	Native American	Artifact Scatter/Cairn	Unevaluated	Additional Evaluation
39FA1891	Native American	Artifact Scatter	Unevaluated	Additional Evaluation
39FA1892	Native American	Artifact Scatter	Unevaluated	Additional Evaluation
39FA1893	Native American	Isolated Find	Not Eligible	No Further Work
39FA1894	Native American	Isolated Find	Not Eligible	No Further Work
39FA1895	Middle Archaic/ Late Archaic	Artifact Scatter/ Hearth	Unevaluated	Additional Evaluation
39FA1896	Native American, Euroamerican	Artifact Scatter	Unevaluated	Additional Evaluation
39FA1897	Native American	Artifact Scatter	Not Eligible	No Further Work
39FA1898	Native American	Artifact Scatter	Unevaluated	Additional Evaluation
39FA1899	Native American	Isolated Find	Not Eligible	No Further Work
39FA1900	Native American	Isolated Find	Not Eligible	No Further Work
39FA1901	Native American, Euroamerican	Artifact Scatter/ Well/Cistern	Unevaluated	Additional Evaluation
39FA1902	Euroamerican	Artifact Scatter/ Well/Cistern/Burial	Unevaluated	Additional Evaluation

Table 6.1 (continued).

Site Number	Cultural Affiliation	Site Type	NRHP Recommendation	Management Recommendation
39FA1903	Native American	Artifact Scatter	Not Eligible	No Further Work
39FA1904	Native American	Artifact Scatter	Not Eligible	No Further Work
39FA1905	Euroamerican	Artifact Scatter/ Depression	Unevaluated	Additional Evaluation
39FA1906	Native American	Artifact Scatter	Not Eligible	No Further Work
39FA1907	Native American/ Euroamerican	Artifact Scatter	Unevaluated	Additional Evaluation
39FA1908	Native American	Artifact Scatter	Unevaluated	Additional Evaluation
39FA1909	Native American	Artifact Scatter	Not Eligible	No Further Work
39FA1910	Native American	Isolated Find	Not Eligible	No Further Work
39FA1911	Euroamerican	Artifact Scatter/ Non-Farm Ruins	Unevaluated	Additional Evaluation
39FA1912	Native American	Artifact Scatter	Unevaluated	Additional Evaluation
39FA1913	Native American	Artifact Scatter	Not Eligible	No Further Work
39FA1914	Native American	Isolated Find	Not Eligible	No Further Work
39FA1915	Native American	Artifact Scatter	Not Eligible	No Further Work
39FA1916	Native American	Artifact Scatter	Unevaluated	Additional Evaluation
39FA1917	Native American	Artifact Scatter	Not Eligible	No Further Work
39FA1918	Native American	Isolated Find	Not Eligible	No Further Work
39FA1919	Native American	Isolated Find	Not Eligible	No Further Work
39FA1920	Native American	Artifact Scatter	Unevaluated	Additional Evaluation
39FA1921	Native American	Isolated Find	Not Eligible	No Further Work
39FA1922	Native American	Artifact Scatter/ Stone Circle	Unevaluated	Additional Evaluation
39FA1923	Native American, Euroamerican	Artifact Scatter/ Monument	Unevaluated	Additional Evaluation
39FA1924	Plains Archaic	Artifact Scatter	Not Eligible	No Further Work
39FA1925	Native American	Artifact Scatter	Not Eligible	No Further Work
39FA1926	Native American	Artifact Scatter	Unevaluated	Additional Evaluation
39FA1927	Native American	Cairn	Unevaluated	Additional Evaluation
39FA1928	Native American	Rock Shelter/ Artifact Scatter	Unevaluated	Additional Evaluation
39FA1929	Native American	Isolated Find	Not Eligible	No Further Work
39FA1930	Native American	Isolated Find	Not Eligible	No Further Work
39FA1931	Native American	Isolated Find	Not Eligible	No Further Work
39FA1932	Native American	Rock Shelter/ Artifact Scatter/ Hearth	Unevaluated	Additional Evaluation
39FA1933	Native American	Artifact Scatter	Unevaluated	Additional Evaluation
39FA1934	Native American	Artifact Scatter	Not Eligible	No Further Work
39FA1935	Native American	Artifact Scatter	Unevaluated	Additional Evaluation
39FA1936	Native American	Artifact Scatter	Not Eligible	No Further Work

Table 6.1 (continued).

Site Number	Cultural Affiliation	Site Type	NRHP Recommendation	Management Recommendation
39FA1937	Native American	Isolated Find	Not Eligible	No Further Work
39FA1938	Native American	Artifact Scatter/ Alignment	Unevaluated	Additional Evaluation
39FA1939	Native American	Isolated Find	Not Eligible	No Further Work
39FA1940	Native American	Stone Circle	Unevaluated	Additional Evaluation
39FA1941	Native American	Artifact Scatter/ Hearths	Unevaluated	Additional Evaluation
39FA1942	Native American	Artifact Scatter	Not Eligible	No Further Work
39FA1943	Native American	Quarry	Not Eligible	No Further Work
39FA1944	Native American	Artifact Scatter	Unevaluated	Additional Evaluation
39FA2000	Euroamerican	Railroad	Eligible	No Further Work

* Also includes sites 39FA114, 39FA115, 39FA116, 39FA117, 39FA118, and 39FA271.
† Also includes site 39FA583.

10 CFR Section 2.390(a)(4):
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6.2 SITE 39FA96

Site Number: 39FA96

Site Name: Pine Hill
Site Type: Occupation, Artifact Scatter, Nonfarm Ruins, Dump, Burial
Cultural Affiliation: Native American (Paleoindian, Archaic, Woodland, Late Prehistoric), Euroamerican
Site Area: 80 ha
Landscape Position: Hill Top/Slope

Field Number: 10-2, 10-37, 10-38, 10-39, 10-46, 10-47, 10-48, 10-49, 10-50, 10-52, 10-53, 10-54, 10-55, 10-57, 10-58
Elevation (in m): 1,127
Site Condition: Disturbed
Subsurface Testing: N/A

Appendix D Map Reference: D-2
NRHP Recommendation: Unevaluated

6.2.1 Site Description

SUNSI – Withheld from Public Disclosure in Accordance with 10 C.F.R. § 2.390

Figure 6.1. Overview of northeast portion of site 39FA96, showing the typical landscape of Pine Hill, facing west.

SUNSI – Withheld from Public Disclosure in Accordance with 10 C.F.R. § 2.390

Figure 6.2. Plan view of site 39FA96 with expanded site boundaries.

10 CFR Section 2.390(a)(4):
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6.2.2 Artifact and Feature Inventory

Due to the extremely large size of site 39FA96, it has been divided into eight main concentration areas (Areas 1-8) for descriptive purposes (Figure 6.3).

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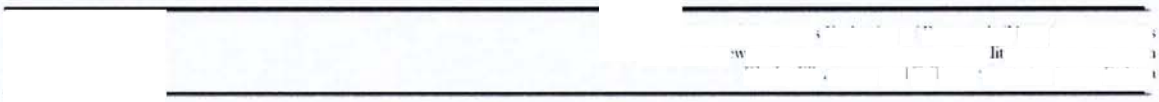
Figure 6.3. Map showing locations of concentration Areas 1-8 within site 39FA96.

The Area 1 (Figure 6.4) concentration consists of a relatively dense prehistoric lithic scatter and six hearths. Artifacts observed include flakes (primary, secondary, and tertiary), retouched/utilized flakes, shatter, FCR, cores, tested pebbles/cobbles, bifaces, scrapers, projectile points, a celt preform, and a mano. Table 6.2 details the prehistoric artifacts identified in Area 1.



SUNSI – Withheld from Public Disclosure in Accordance with 10 C.F.R. § 2.390

Plan view of Area 1 of site 39FA96.

Table 6.2. Artifacts Observed in Area 1 of Site 39FA96.

Number	Artifact Type	Material	Colors	Comments
22	Primary flake	Chalcedony	Light gray, light gray-white, gray, mottled brown, white, blue-gray, pink-white, pale brown, dark tan	One retouched
4	Primary flake	Quartzite	White, tan-white, light tan, brown	One retouched
10	Primary flake	Chert	White, gray, dark gray, reddish brown, reddish gray	Two retouched
5	Primary flake	Silicified sediment	Tan, red, gray	
1	Primary flake	Unknown	Pinkish gray	
1	Primary flake	Unknown	Unknown	Retouched
18	Secondary flake	Quartzite	Brownish purple, brown, reddish brown, tan, white, white-light gray, dark gray, red, reddish tan, dark purple, purple	Five retouched
20	Secondary flake	Chert	Red-brown, banded red-tan, red, gray-tan, mottled/banded brown-beige, reddish gray, red-gray-purple, gray, light gray, light gray-white	Three retouched, five utilized
16	Secondary flake	Chalcedony	Light gray, gray, dark gray, yellowish gray, pale brown, white	One retouched
1	Secondary flake	Porcellanite	Light gray	
2	Secondary flake	Silicified sediment	Tan, gray	
47	Tertiary flake	Quartzite	Brownish purple, light grayish brown, light brown, brown, light gray, gray, tan, white, light red, red, reddish brown, pink	Three utilized, three retouched
28	Tertiary flake	Chalcedony	Light brown-gray, light gray, red-gray, light brown, light tan, pink, white	Four retouched, three utilized
35	Tertiary flake	Chert	Pinkish gray, banded red-gray, red, gray, light gray, gray-white, reddish brown, purple, reddish purple, white, tan, tan-yellow, pink, black	Five utilized, three retouched
2	Tertiary flake	Quartz	Clear	
6	Tertiary flake	Silicified sediment	Tan, gray	One retouched
3	Tertiary flake	Moss agate	Grayish white, gray	
2	Tertiary flake	Unknown	Pinkish gray	Retouched
15	Shatter	Chalcedony	Gray, light gray, light gray-pink, light gray-tan mottled white-gray, white	
10	Shatter	Chert	Gray, light gray, banded gray-red-tan, red, reddish brown, tan	One retouched
1	Shatter	Porcellanite	Dark gray	
1	Shatter	Silicified sediment	Gray	
2	FCR	Granite	Purple-red, red	
1	FCR	Unknown	Unknown	

Table 6.2 (continued).

Number	Artifact Type	Material	Colors	Comments
2	Tested pebble	Quartzite	Brownish purple	Utilized
7	Tested pebble	Chalcedony	White, light gray, gray, tan, purple	
2	Tested pebble	Chert	Black, red	
3	Tested cobble	Chalcedony	Gray, red-tan-white	
1	Core	Quartzite	Red	
8	Core	Chalcedony	Tan-gray, light gray-white, gray, red-tan-gray	Five expended
1	Core	Chert	Reddish brown	Expended; retouched
2	Core	Silicified sediment	Gray, tan	
1	Biface	Chert	Grayish purple	Midsection
1	Biface	Quartzite	Brown	
3	Biface	Chert	Banded red, tan, reddish brown	
1	Biface	Silicified sediment	Tan	Crude
1	Biface	Knife River flint	Grayish red	Collected; catalog #10-39-10
1	Biface	Chert	Grayish pink	Collected; catalog #10-39-11
1	Biface	Quartzite	Moderate brown	Collected; catalog #10-39-12
1	Biface	Quartzite	Grayish red	Collected; catalog #10-39-13
1	Biface	Quartzite	Light gray	Collected; catalog #10-39-14
1	Biface tip	Quartzite	Pale brown	Collected; catalog #10-39-15
1	Biface tip	Quartzite	Grayish red	Collected; catalog #10-39-16
1	Biface base	Quartzite	Grayish pink	Collected; catalog #10-39-17
1	Biface base	Chert	Moderate red	Collected; catalog #10-39-18
1	Biface base	Quartzite	Moderate brown	Collected; catalog #10-39-19
1	Biface base	Quartzite	Dark yellowish brown	Collected; catalog #10-39-20
1	Biface base	Silicified sediment	Grayish orange	Collected; catalog #10-39-21
1	Biface	Silicified Sediment	Brownish gray	Collected; catalog #10-39-22
1	Biface base	Chalcedony	Light gray	Collected; catalog #10-39-23
1	Biface	Quartzite	Moderate brown	Collected; catalog #10-39-24
1	Biface fragment	Quartzite	Purple-brown	One margin retouched to steep scraper edge
1	Biface	Quartzite	Red	
1	Biface	Chalcedony	Tan	Midsection
1	Biface	Chalcedony	Reddish brown	
1	Biface	Chert	Mottled light brown	
1	Biface	Silicified sediment	Tan	
1	End scraper	Chert	Grayish pink	Collected; catalog #10-38-1
1	Scraper	Chalcedony	Medium light gray	Collected; catalog #10-39-8
1	Scraper	Chert	Very pale orange	Collected; catalog #10-39-9
1	Scraper	Quartzite	Purple	
1	Scraper	Chert	Gray	
1	Projectile point	Obsidian	Black	Collected; catalog #10-39-1
1	Projectile point	Quartzite	Light gray	Collected; catalog #10-39-2
1	Projectile point tip	Chert	Medium light gray	Collected; catalog #10-39-3

Table 6.2 (continued).

Number	Artifact Type	Material	Colors	Comments
1	Projectile point	Chert	Very dark red	Collected; catalog #10-39-4
1	Projectile point	Chert	Pale yellowish brown	Collected; catalog #10-39-5
1	Projectile point	Chert	Light brown	Collected; catalog #10-39-6
1	Projectile point	Chert	Very dark red	Collected; catalog #10-39-7
1	Celt preform	Diorite	Grayish olive green	Collected; catalog #10-39-25
1	Mano	Quartzite	Grayish orange	Collected; catalog #10-39-26

Site 39FA96 produced the largest sample of Native American stone tools of any site evaluated during the 2007 Powertech study. Seven projectile points, 3 scrapers, 15 bifacial cutting tools, and 2 groundstone implements were collected from Area 1. The projectile points include: a Paleoindian or Archaic specimen, two Middle Archaic points, a Late Archaic/Woodland point, two Late Prehistoric forms, and one point tip that cannot be assigned to a time period or cultural complex (catalog number 10-39-3).

The Paleoindian or Archaic point is a stemmed example made from an unidentified very dark red chert (catalog number 10-39-4; Figure 6.5). It is 22.8 mm long, 20.7 mm wide, and 4.8 mm thick. This point very clearly had the midsection and tip broken off and has been resharpened. It features a short stem with a straight base and diagonal flaking. The point has been too extensively modified for positive type assignment; however, a modified Alberta point (Paleoindian) or a Duncan-Hanna point (Middle Archaic) are possibilities.

Two of the projectile points (catalog numbers 10-39-2 and 10-39-7; Figure 6.5) are consistent in size and form with examples of the Duncan-Hanna series or McKean "stemmed" points associated with the Middle Archaic McKean complex (Wheeler 1952). The first specimen is made of light gray quartzite. It is complete, and exhibits an expanding stem and a basal concavity (41.2 mm long, 26.15 mm wide, and 6.5 mm thick). The second example also features an expanding stem with a deep basal notch, although part of the haft is broken and the point does not appear to have been completed. It may have been used as a scraper. The point is made from a very dark red chert. It is 28.0 mm long, 19.55 mm wide, and 6.2 mm thick.

One specimen (catalog number 10-39-5; Figure 6.5) is the base of a Pelican Lake type corner-notched projectile. Most of the blade has been broken off; the remaining length is 15.15 mm. The point is 20.4 mm wide and 4.0 mm thick. It is made of a yellowish brown chert. Pelican Lake points are typically associated with Late Archaic or Plains Woodland components on the High Plains (Frison 1991:104; Wettlaufer 1955).

Two Late Prehistoric side-notched points were collected. Both are thin and exhibit straight blade margins and concave basal margins with portions of the blade elements fractured off. One specimen (catalog number 10-39-1; Figure 6.5) is made of obsidian. It is 16.9 mm long, 13.9 mm wide, and 2.6 mm thick. The other (catalog number 10-39-6; Figure 6.5) is manufactured from light brown Hartville Uplift chert. It is 26.45 mm long, 15.4 mm wide, and 2.9 mm thick. Based on well-dated associations of these point types at the Glenrock and

Vore sites in the Wyoming Black Hills (Frison 1970:7; Reher and Frison 1980:29), the site 39FA96 specimens likely date anywhere from 500-200 B.P.

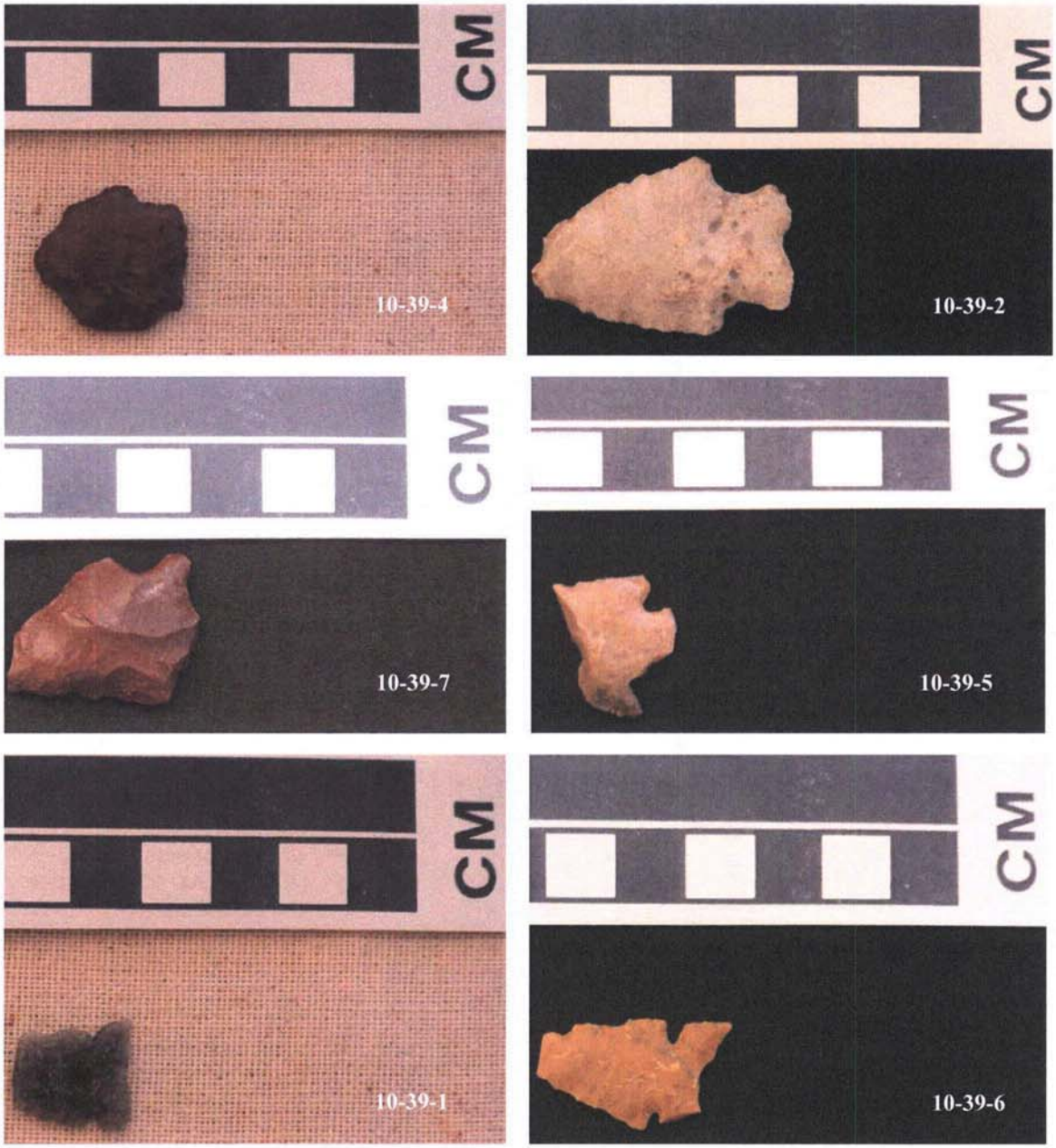


Figure 6.5. View of projectile points (catalog numbers 10-39-1, 10-39-2, 10-39-4, 10-39-5, 10-39-6, and 10-39-7) collected from Area 1, site 39FA96.

Three scrapers were collected. The first is a complete end scraper fashioned from a grayish pink chert. The scraper is 32.2 mm long, 20.9 mm wide, and 10.0 mm thick, with a 70° working edge angle (catalog number 10-38-1; Figure 6.6). The second (catalog number 10-39-8) actually appears to be a scraper preform that evidently fractured during manufacture. It is made of a light gray chalcedony. The scraper is 49.2 mm long, 17.6 mm wide, and 11.2

mm thick, with a 70° working edge angle. The third scraper is complete and made from a large pebble with a pale orange cherty interior (catalog number 10-39-9; Figure 6.6). The entire dorsal surface is covered with cortex. The tool has a working edge angle of 50°. The scraper is oval in shape and is 29.7 mm long, 25.9 mm wide, and 7.2 mm thick.

Figure 6.6. View of scrapers (catalog numbers 10-38-1 and 10-39-9) collected from Area 1, site 39FA96.

Fifteen bifaces and biface fragments were collected from Area 1 of site 39FA96, including: four complete pointed forms, two complete ovoid forms, two pointed tips, and seven bases. The complete pointed bifaces are made from grayish red Knife River flint (catalog number 10-39-10; Figure 6.7), grayish pink chert (catalog number 10-39-11; Figure 6.7), moderate brown quartzite (catalog number 10-39-12; Figure 6.7) and moderate brown quartzite [tip missing] (catalog number 10-39-24; Figure 6.7). These bifaces vary in length from 33.5 mm to 54.2 mm.

The two ovoid bifaces are made of grayish red quartzite (catalog number 10-39-13) and light gray quartzite (catalog number 10-39-14) The measurements of these bifaces are 37.65 mm long by 33.7 wide mm by 7.1 mm thick and 48 mm long by 25.5 mm wide by 9.05 mm thick, respectively.

The two pointed biface tips are made of pale brown quartzite (catalog number 10-39-15; Figure 6.7) and grayish red quartzite (catalog number 10-39-16; Figure 6.8).The tips measure 36.8 mm and 37 mm in length, respectively.

The bases are manufactured from grayish pink quartzite (catalog number 10-39-17; Figure 6.8), moderate brown quartzite (catalog number 10-39-19), dark yellowish brown quartzite (catalog number 10-39-20; Figure 6.8), moderate red cobble chert (catalog number 10-39-18; Figure 6.8), medium light gray chalcedony (catalog number 10-39-23; Figure 6.8), grayish orange Tongue River silicified sediment (catalog number 10-39-21), and brownish gray Tongue River silicified sediment (catalog number 10-39-22; Figure 6.8). The seven biface bases range in length from 21.45 mm to 47.8 mm.

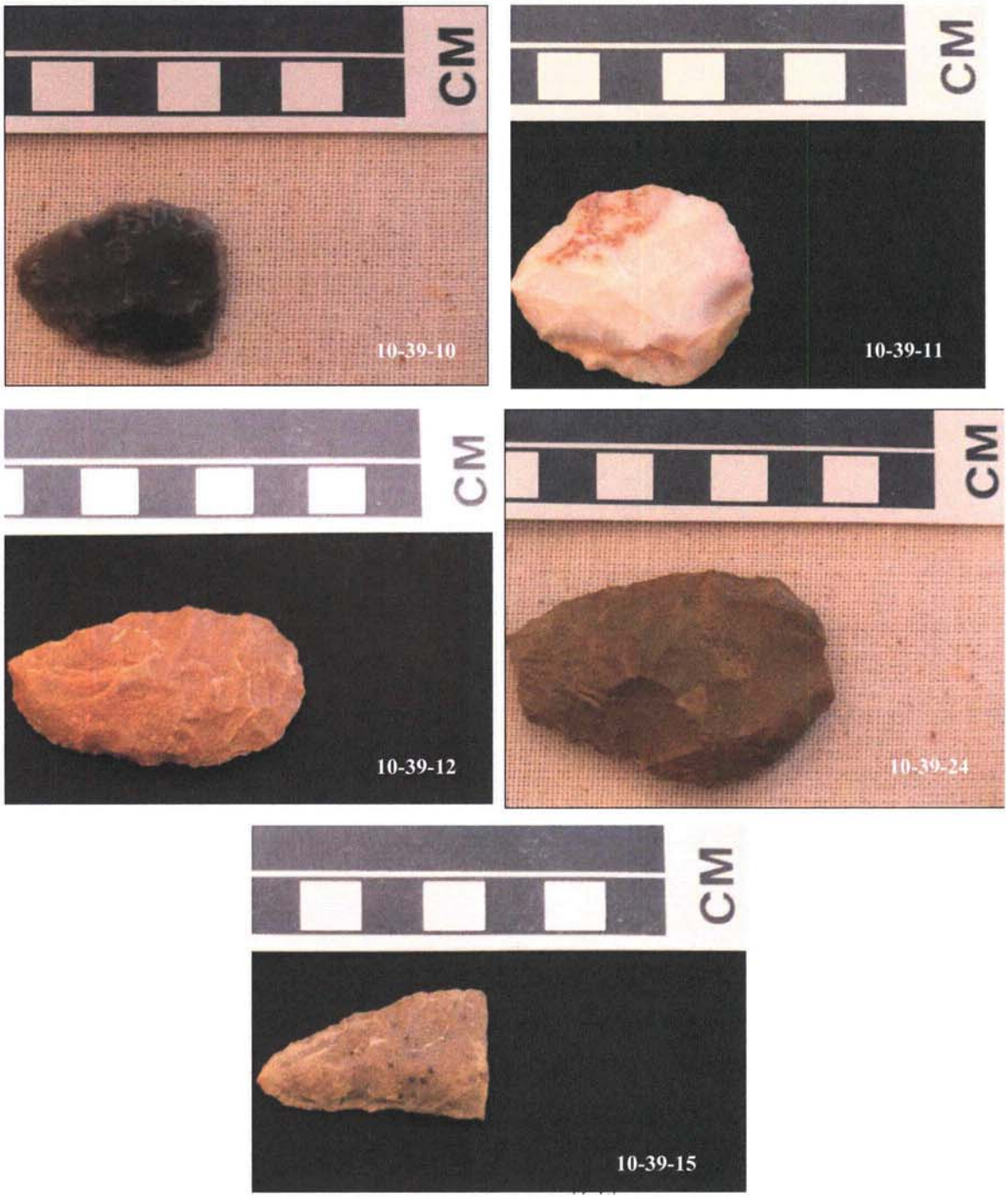


Figure 6.7. View of bifaces (catalog numbers 10-39-10, 10-39-11, 10-39-12, 10-39-24) and biface tip (catalog number 10-39-15) collected from Area 1, site 39FA96.

Figure 6.8. View of bifaces (catalog numbers 10-39-17, 10-39-20, 10-39-18, 10-39-23, and 10-39-22) and biface tip (catalog number 10-39-16) collected from Area 1, site 39FA96.

Two groundstone tools were collected from Area 1. The first is a grayish olive green diorite groundstone celt preform (catalog number 10-39-25; Figure 6.9). It has been cut and pecked into shape, and the early stages of grinding and shaping had begun. It displays the typical shape of a Plains Village ungrooved celt featuring a blunt end and a wedge-shaped working bit (Lehmer 1971:78). The celt is 76.8 mm long, 47.1 mm wide, and 25.15 mm thick. The second item is a mano or grinding stone made of grayish orange quartzite. The mano has grinding and smoothing on both faces and pecking along all lateral margins (catalog number 10-39-26; Figure 6.9). It is 122.2 mm long, 83.1 mm wide, and 44.9 mm thick.

Figure 6.9. View of celt preform (catalog number 10-39-25) and mano (catalog number 10-39-26) collected from Area 1, site 39FA96.

Six hearth features were observed within Area 1 of site 39FA96. The hearths exhibit varying degrees of erosion (Figure 6.10). Each hearth consists of a concentration of 50-100 angular pieces of FCR. The hearth diameters range from 60 cm to 1 m.

Figure 6.10. View of a representative hearth of Area 1, site 39FA96, facing south.

The Area 2 (Figure 6.11) concentration consists of a prehistoric lithic scatter and four hearths. Artifacts observed include flakes (primary, secondary, and tertiary), shatter, expended cores, bifaces, and a projectile point. Table 6.3 details the prehistoric artifacts identified in Area 2.

A complete projectile point was collected from Area 2 of site 39FA96. It is a small, unnotched triangular form that may be a preform (catalog number 10-58-1; Figure 6.12). The point is made of grayish orange Badlands dendritic chert. It is 26.7 mm long, 15.8 mm wide, and 4.6 mm thick, with excurvate blade margins and a straight base. The point cannot be assigned to a specific time period.

Four hearth features were observed within Area 2 of site 39FA96. Two hearths are slightly exposed and two are mostly eroded. Each hearth consists of a concentration of 20-50 angular pieces of FCR. Diameters of these hearths range from 60 cm to 1 m.

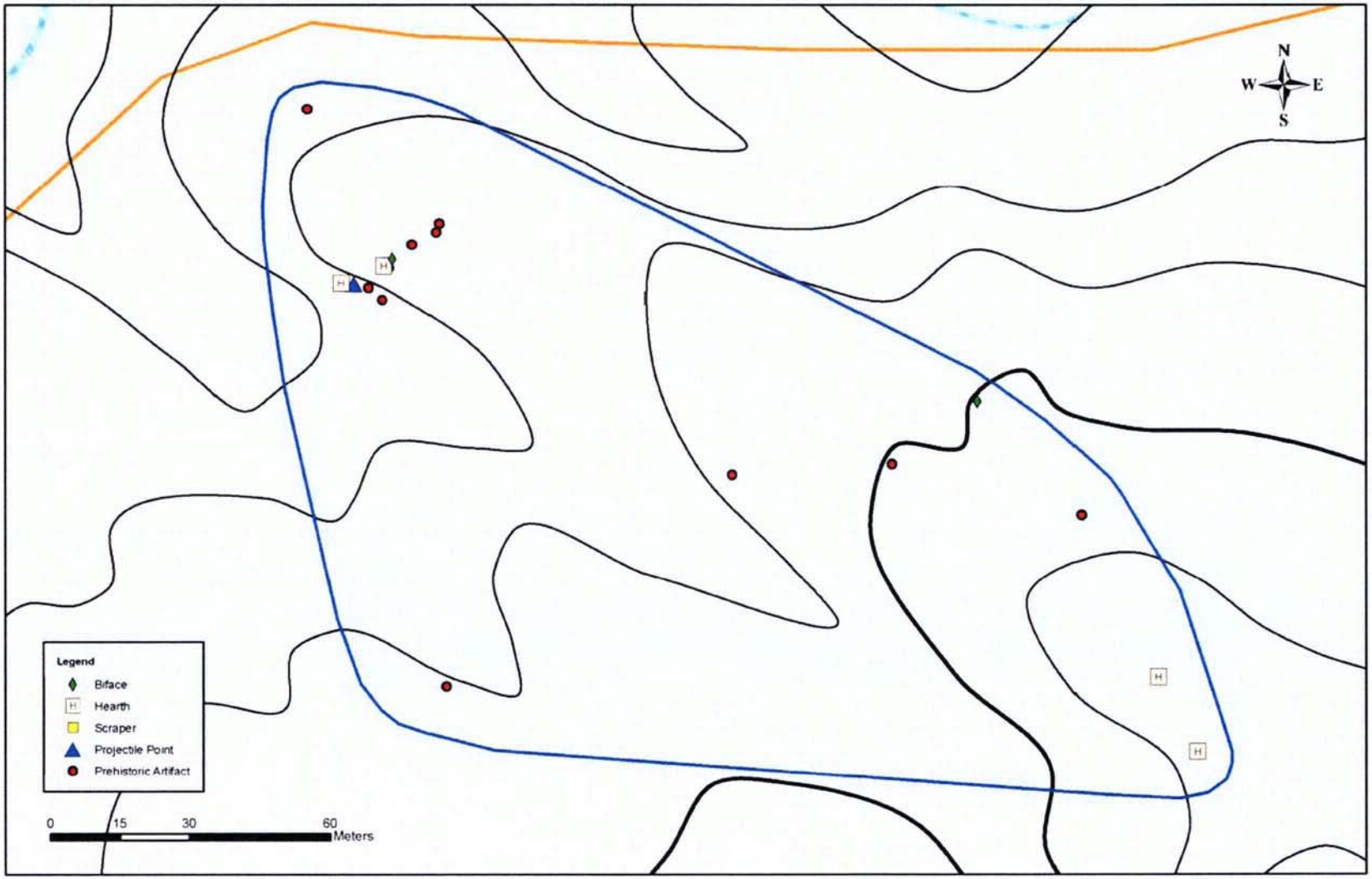


Figure 6.11. Plan view of Area 2 of site 39FA96.

Table 6.3. Artifacts Observed in Area 2 of Site 39FA96.

Number	Artifact Type	Material	Colors	Comments
1	Primary flake	Chert	Pink	
1	Primary flake	Chalcedony	Brown	
1	Secondary flake	Chert	Pink-purple	
2	Tertiary flake	Chert	Dark red, purple	
1	Tertiary flake	Chalcedony	Light gray	
1	Tertiary flake	Unknown	Gray	
1	Projectile point	Chert	Grayish orange	Collected; catalog #10-58-1
2	Core	Quartzite	Yellowish tan, light gray-pink	One expended
1	Core	Chalcedony	Gray	
2	Core	Chert	White	
1	Biface	Quartzite	Light gray	
1	Biface	Chalcedony	Brown	
1	Biface	Chert	Tan	
1	Shatter	Chert	Light gray-pink	

Figure 6.12. View of projectile point (catalog number 10-58-1) collected from site 39FA96.

The Area 3 (Figure 6.13) concentration consists of a prehistoric lithic scatter, a hearth, a fragment of bottle glass, and a possible historic grave. Artifacts observed include flakes (primary, secondary, and tertiary), utilized/retouched flakes, a projectile point, bifaces, shatter, a tested cobble, and scrapers. Table 6.4 details the artifacts identified in Area 3.

The artifact sample collected from Area 3 of site 39FA96 is comprised of one projectile point, two scrapers, two bifacial knives, a flake, and a bottle glass fragment. The corner-notched projectile point is complete and made of pale pink Minnelusa formation chert (catalog number 10-55-1; Figure 6.14). It is 32.4 mm long, 19.1 mm wide, and 4.1 mm thick. The overall form is consistent with a Besant point most often associated with Late Archaic or Woodland manifestations on the northern Plains (Wettlaufer 1955).

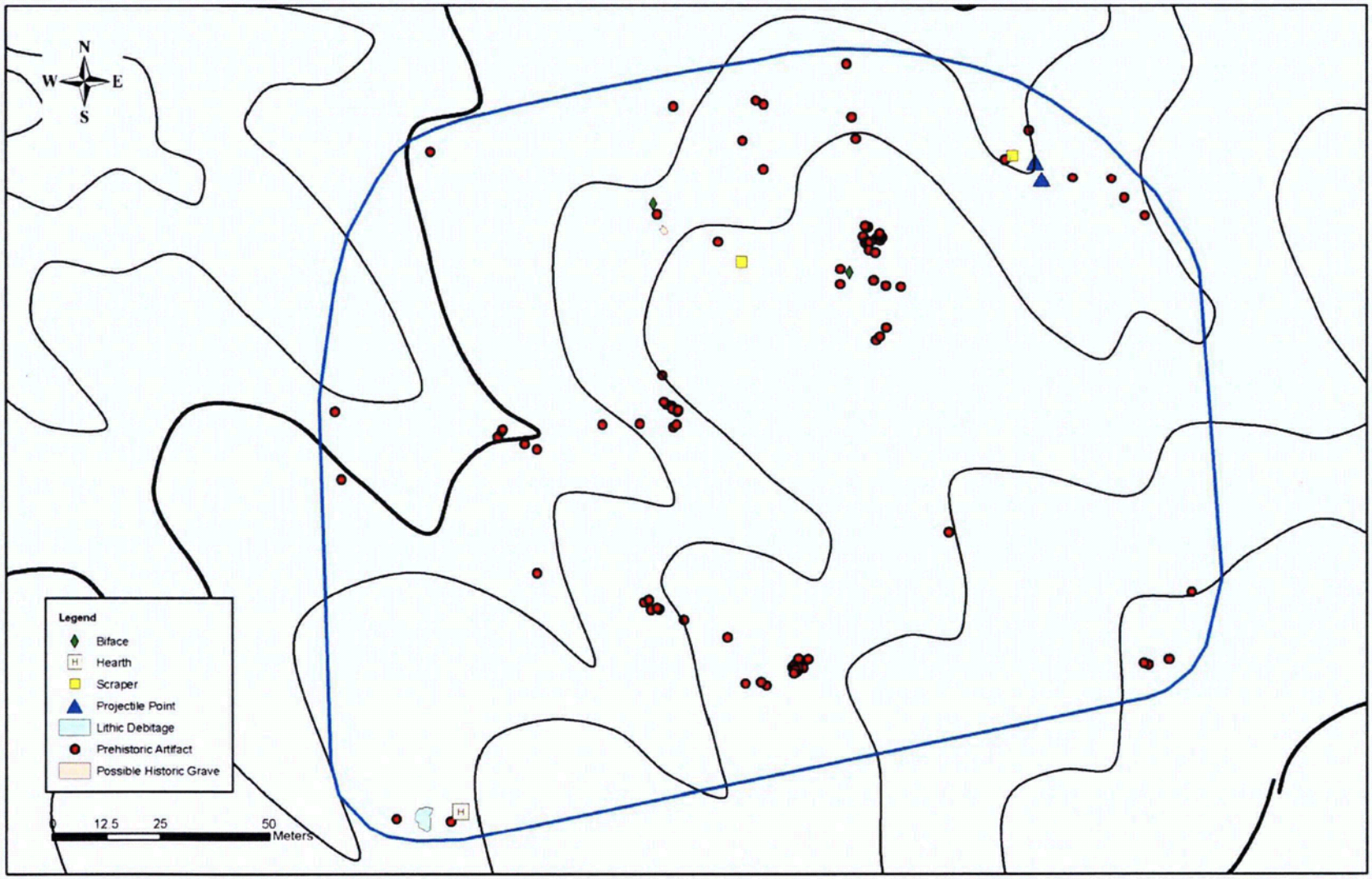


Figure 6.13. Plan view of Area 3 of site 39FA96.

Table 6.4. Artifacts Observed in Area 3 of Site 39FA96.

Number	Artifact Type	Material	Colors	Comments
4	Primary flake	Chalcedony	Light gray, light tan	One utilized, one retouched
4	Primary flake	Quartzite	Light gray, light tan	
1	Primary flake	Obsidian	Black	Collected; catalog #10-55-6
7	Secondary flake	Chert	Mottled red-tan-black, reddish brown, red, pinkish gray, gray-light yellow	
3	Secondary flake	Chalcedony	Mottled gray-tan-red, light gray, light tan	One retouched
1	Secondary flake	Quartzite	Brown	
1	Secondary flake	Silicified sediment	Tan	
8	Tertiary flake	Chalcedony	White, gray, light gray, light grayish brown, dark brown	
14	Tertiary flake	Chert	Purple, red, mottled red-tan-black, banded red-tan, red, banded pinkish gray, tan, dark brown	Three retouched, three utilized
45	Tertiary flake	Quartzite	Light tan, yellowish tan, mottled tan-red, purple, gray, light gray, dark gray, dark brown, light brown, light grayish brown, light red, pink	Six utilized, nine retouched
1	Tertiary flake	Silicified Sediment	Unknown	
13	Tertiary flake	Unknown	Dark red, brown	
1	Projectile point	Chert	Pale pink	Collected; catalog #10-55-1
1	Biface	Quartzite	Red	
1	Biface	Chalcedony	Light gray	Midsection
1	Biface	Chert	Dark red	
1	Biface	Chert	Grayish red	Collected; catalog #10-55-4
1	Biface	Quartzite	Pale brown	Collected; catalog #10-55-5
1	Side scraper	Quartzite	Brown	
1	Scraper	Chalcedony	Gray	
1	End scraper	Obsidian	Black	Collected; catalog #10-55-2
1	End scraper	Chert	Moderate red	Colleted; catalog # 10-55-3
2	Tested cobble	Chalcedony	Pinkish gray, light gray	
2	Tested cobble	Silicified Sediment	Tan, gray	
4	Shatter	Chalcedony	Gray, reddish tan	
1	Shatter	Chert	Red, mottled tan	
2	Shatter	Quartzite	Pinkish gray, dark red	
1	Shatter	Quartz	Clear	
1	Bottle glass fragment	Glass	Brown	Collected; catalog #10-55-7

Figure 6.14. View of projectile point (catalog number 10-55-1) collected from Area 3, site 39FA96.

One end scraper is made of obsidian (catalog number 10-55-2; Figure 6.15). It is rather crude, perhaps unfinished. The scraper is 55.5 mm long, 41.3 mm wide, and 15.5 mm thick, with a 75° working edge angle. The other scraper (catalog number 10-55-3; Figure 6.15) is much more patterned than the first (triangular). It is made of a moderate red chert. It is 46.8 mm long, 33.7 mm wide, and 10.6 mm thick, with a 65° bit angle.

Figure 6.15. View of obsidian end scraper (catalog number 10-55-2) and chert end scraper (catalog number 10-55-3) collected from Area 3, site 39FA96.

One biface is a small, crude specimen manufactured from grayish red Spearfish formation chert. It has a pointed tip and a slightly incurvate basal margin. The biface is 32.4 mm long, 20.6 mm wide, and 9.1 mm thick (catalog number 10-55-4; Figure 6.16). The other biface is a midsection made of pale brown fine-grained quartzite. This knife fragment is 34.5 mm long (broken), 40.0 mm wide, and 7.3 mm thick (catalog number 10-55-5). The collected primary

flake is made of obsidian (catalog number 10-55-6; Figure 6.16). The fragment of bottle glass is brown (catalog number 10-55-7).

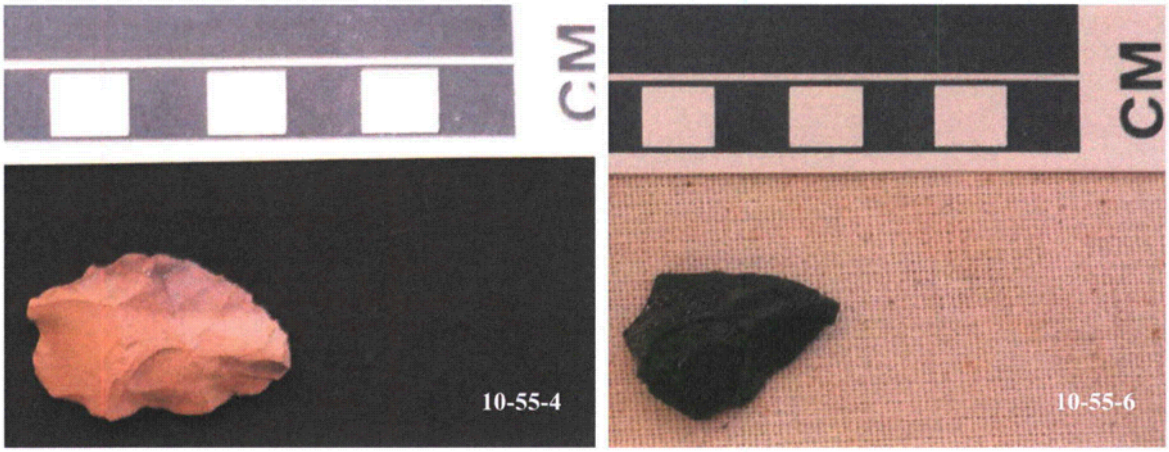


Figure 6.16. View of biface (catalog number 10-55-4) and obsidian flake (catalog number 10-55-6) collected from Area 3, site 39FA96.

One hearth feature was observed at the southwestern edge of Area 3 of site 39FA96 (Figure 6.17). Approximately 20 small, angular pieces of FCR are exposed within an 80-cm diameter.

Figure 6.17. View of hearth within Area 3 of site 39FA96.

One possible historic grave was also recorded within Area 3 (Figure 6.18; see Figure 6.13). The possible burial measures approximately 2 m x 1.8 m. It is covered with sandstone slabs and quartzite cobbles that extend roughly 10-15 cm above the surrounding ground surface.

Figure 6.18. View of possible historic grave within Area 3 of site 39FA96.

The Area 4 (Figure 6.19) concentration consists of a prehistoric lithic scatter, an enigmatic rock cluster, and two hearths. Artifacts observed include flakes (primary, secondary, and tertiary), retouched/utilized flakes, a scraper, a retouched/utilized pebble, and a biface. Table 6.5 details the artifacts identified. No artifacts were collected from Area 4 of site 39FA96.

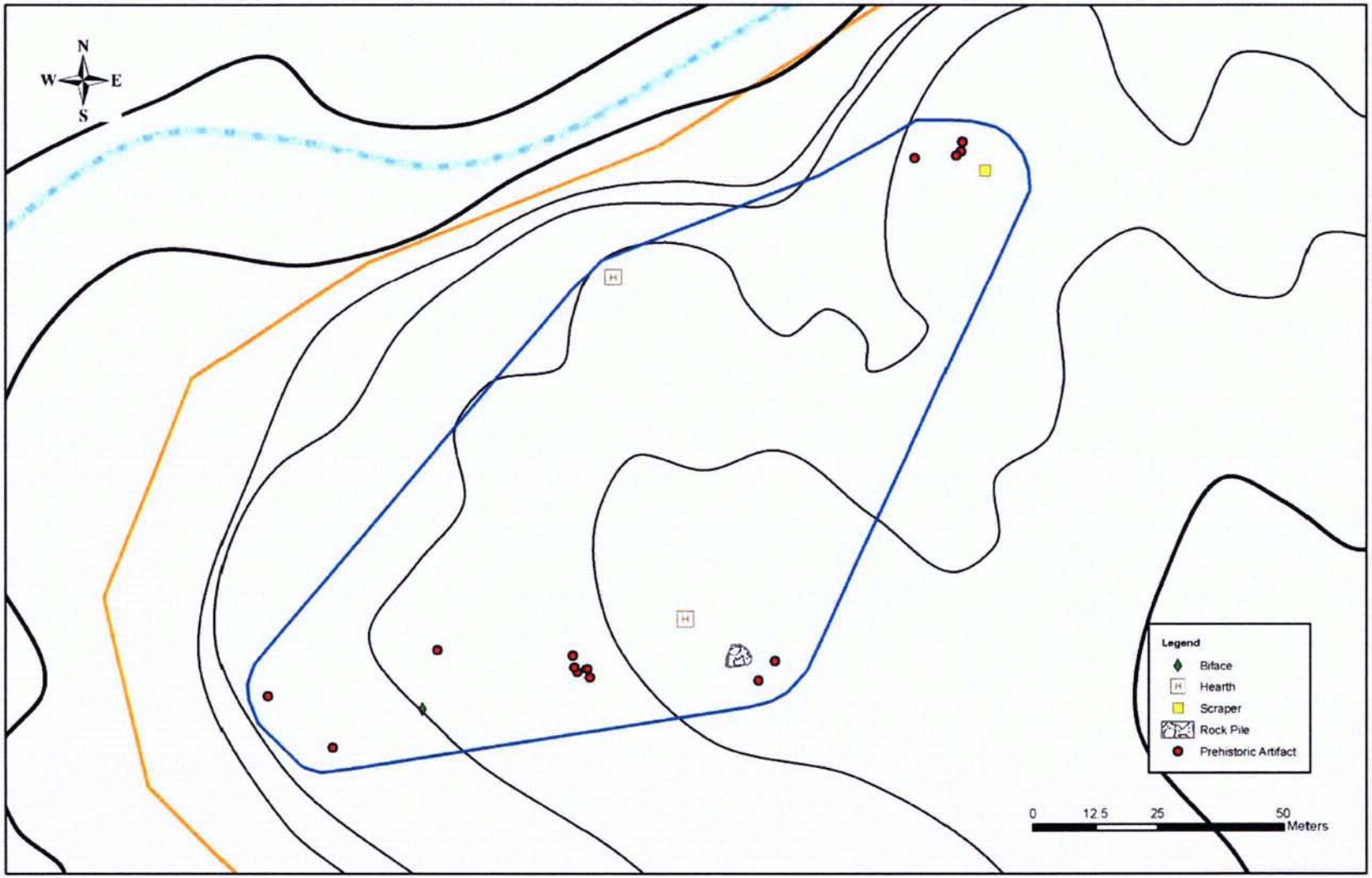


Figure 6.19. Plan view of Area 4 of site 39FA96.

Table 6.5. Artifacts Observed in Area 4 of Site 39FA96.

Number	Artifact Type	Material	Colors	Comments
1	Primary flake	Chalcedony	Purple	Utilized
4	Secondary flake	Chalcedony	Pink-gray, red, gray, mottled tan-brown	One retouched
3	Tertiary flake	Quartzite	Brown, tan-gray	One retouched
2	Tertiary flake	Quartz	Clear	Two retouched
1	Scraper	Chert	Purple	
1	Biface fragment	Unknown	Mottled orange-gray	
1	Tested pebble	Chert	Purple	Bifacially retouched, utilized
4	FCR	Unknown	Unknown	
1	Shatter	Chalcedony	Light gray	

Two hearths were identified in Area 4 of site 39FA96. The first hearth appeared to be mostly intact with only a few FCR exposed at the surface (Figure 6.20). The second hearth was completely eroded and scattered, and was not photographed.

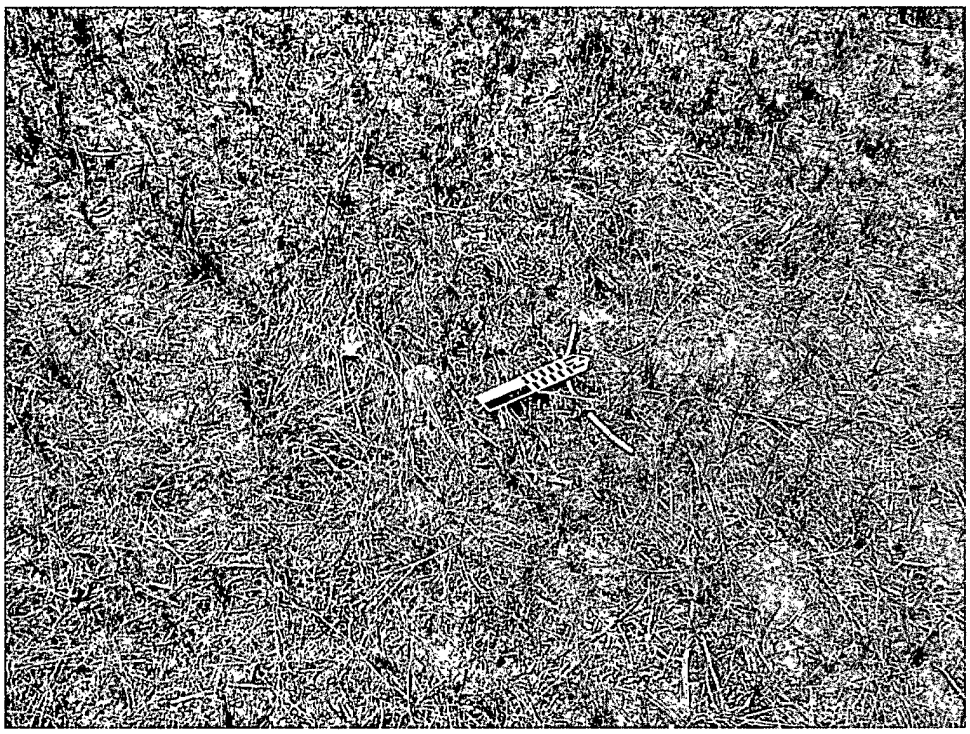


Figure 6.20. View of hearth in Area 4 of site 39FA96, facing west.

A large (5-m-diameter) enigmatic group of rocks was also noted in Area 4 (Figure 6.21). The large cobbles appear to have been purposely gathered and concentrated. The rocks are not fire-cracked. Their cultural function is currently unknown. This feature may possibly have served as a stock pile for use in hearth or cairn building.

Figure 6.21. View of enigmatic rock concentration in Area 4 of site 39FA96, facing west.

The Area 5 (Figure 6.22) concentration consists of a sparse prehistoric lithic scatter. Artifacts observed include flakes (secondary and tertiary), tested cobbles, a drill, and a biface (knife). Table 6.6 details the artifacts identified.

Two items, a biface and a drill, were collected from Area 5 of site 39FA96. Both are incomplete. The drill (catalog number 10-50-1; Figure 6.23) is made from a very light gray chalcedony, and features a narrow tapering working tip and a square base. It is 28.6 mm long (broken), 17.7 mm wide, and 6.4 mm thick. The biface (catalog number 10-50-2; Figure 6.23) is the tip of a pointed form. It is made of light brownish gray quartzite. The broken length is 60.65 mm, the width is 47.2 mm, and it is 10.2 mm thick.

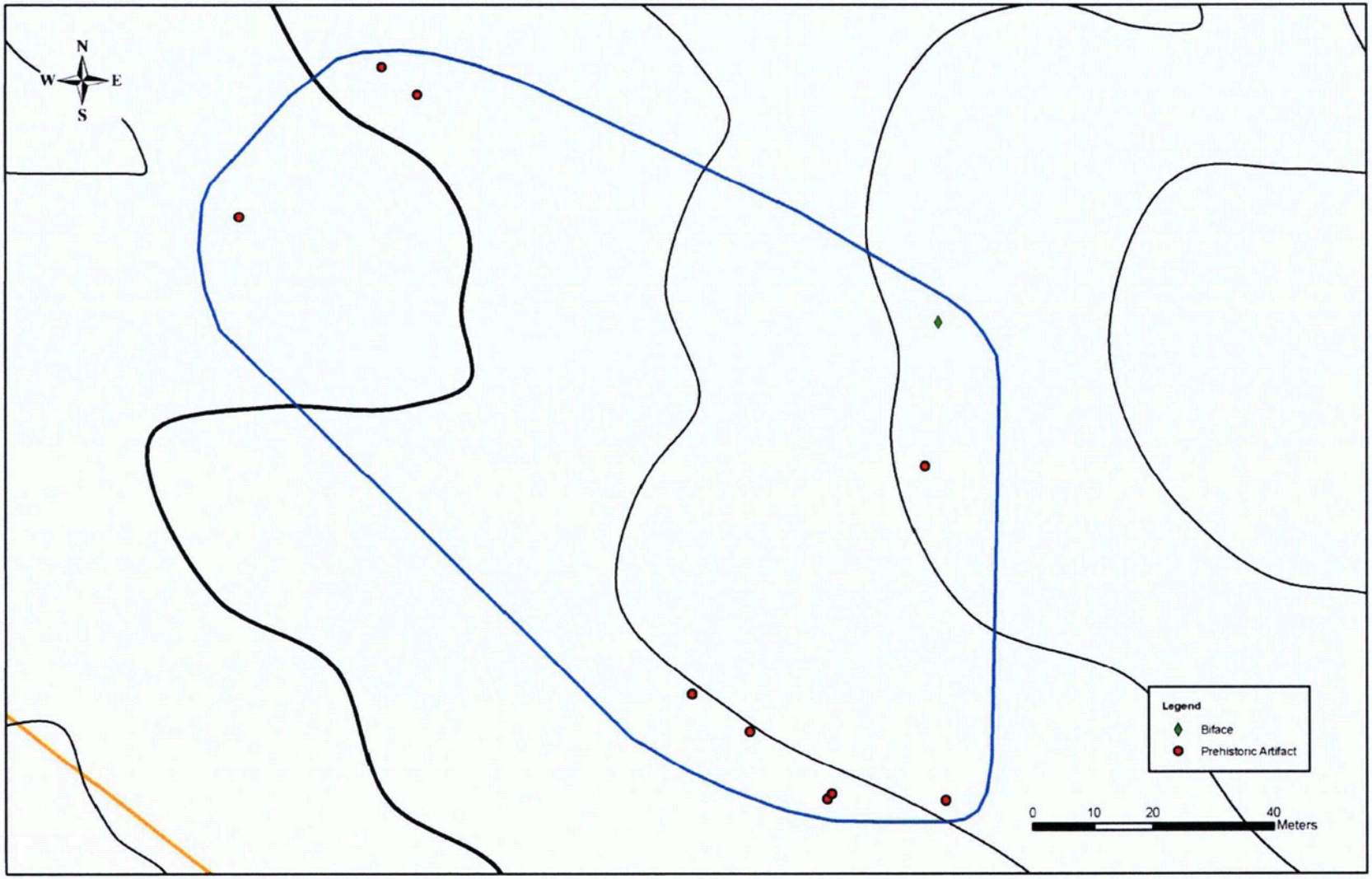


Figure 6.22. Plan view of Area 5 of site 39FA96.

Table 6.6. Artifacts Observed in Area 5 of Site 39FA96.

Number	Artifact Type	Material	Colors	Comments
1	Secondary flake	Chert	White	
1	Secondary flake	Chalcedony	White	
1	Tertiary flake	Chert	White	
1	Tertiary flake	Chalcedony	White	
1	Tertiary flake	Quartzite	Purple	
1	Drill	Chalcedony	Very light gray	Collected; catalog #10-50-1
2	Tested cobble	Chalcedony	Gray	
1	Tested cobble	Chert	Purple	
1	Biface (knife)	Quartzite	Light brownish gray	Collected; catalog #10-50-2

Figure 6.23. View of drill (catalog number 10-50-1) and biface (catalog number 10-50-2) collected from Area 5 of site 39FA96.

The Area 6 (Figure 6.24) concentration consists of a prehistoric artifact scatter and 20 hearths. Artifacts observed include flakes (primary, secondary and tertiary), retouched/utilized flakes, tested cobbles/pebbles, scrapers, shatter, FCR, bifaces, a chopper, a graver, and cores. Table 6.7 details the artifacts identified.

The artifact sample collected from Area 6 of site 39FA96 consists of four end scrapers, a tested cobble, and a biface. The scrapers were all recovered from a concentration on top of the hill. The first scraper is made of pale reddish brown Spearfish formation chert (catalog number 10-46-1; Figure 6.25). It is 19.41 mm long, with a bit angle of 90°. The second scraper is made of a moderate brown chert (catalog number 10-46-2; Figure 6.25). It is 47.3 mm long, with a bit angle of 80°. The third scraper is made of a pale yellowish brown chert (catalog number 10-46-3; Figure 6.25). It is 46.4 mm long, with a 90° edge angle. The final scraper is made of a pale brown chert (catalog number 10-46-4; Figure 6.25). It is 37.5 mm long, also with a 90° bit. All of the scrapers with the exception of the last are hafted, exhibiting broad notches on both sides of the haft element. Hafted scrapers occur most often in association with Early Archaic sites.

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Figure 6.24. Plan view of Area 6 of site 39FA96.

10 CFR Section 2.390(a)(4):
Privileged and/or Confidential

Table 6.7. Artifacts Observed in Area 6 of Site 39FA96.

Number	Artifact Type	Material	Colors	Comments
2	Primary flake	Chert	Banded gray, red-tan	One retouched
1	Primary flake	Chalcedony	Gray	
1	Secondary flake	Unknown	Unknown	
2	Secondary flake	Quartzite	Purple, reddish brown	
1	Secondary flake	Silicified sediment	Tan	Retouched
1	Secondary flake	Chert	Dark tan	Utilized
1	Secondary flake	Chalcedony	Gray	Retouched
21	Tertiary flake	Quartzite	Greenish brown, reddish brown, brown, light brown, gray, tan, pink, reddish purple, purple, white	Four retouched; five utilized
2	Tertiary flake	Quartz	Clear	
8	Tertiary flake	Chert	Gray, dark reddish brown, mottled red-tan, red, purple, purple-gray, black	Three retouched; two utilized
7	Tertiary flake	Chalcedony	White, yellowish gray, light gray, gray, tan, light tan	One utilized
5	Tertiary flake	Unknown	Unknown	
3	Utilized flake	Unknown	Unknown	
3	Retouched flake	Unknown	Unknown	
1	Scraper	Chert	Pale brown	Collected; catalog #10-46-4
1	Scraper	Chert	Pale reddish brown	Collected; catalog #10-46-1
1	Scraper	Chert	Moderate brown	Collected; catalog #10-46-2
1	Scraper	Chert	Pale yellowish brown	Collected; catalog #10-46-3
2	Scraper	Chert	Purple, pink	
1	Scraper	Chalcedony	Mottled tan-light yellow	
1	Scraper	Unknown	Unknown	
1	Graver	Chert	Red	
1	Biface	Chert	Gray brown	Chopper
1	Biface midsection	Quartzite	Tannish brown	
1	Biface	Chalcedony	Pink	Proximal end
1	Biface	Chalcedony	White-gray	
1	Biface	Quartzite	Reddish brown	Preform
1	Biface	Chalcedony	Light brownish gray	Collected; catalog #10-47-2
1	Core	Quartz	Light gray	Collected; catalog #10-47-1
1	Core	Chalcedony	Light gray	Expended
5	Shatter	Chalcedony	Light gray, white	
1	Tested pebble	Unknown	Unknown	
1	Tested pebble	Chalcedony	Gray	
1	Tested pebble	Chert	Black	
2	Tested cobble	Chalcedony	Gray	
1	Tested cobble	Chert	Mottled red-gray	
2	Tested cobble	Quartzite	Red, yellowish tan	
1	Tested cobble	Silicified sediment	Tan	
1	Tested cobble	Unknown	Unknown	
1	FCR	Granite	Unknown	
1	FCR	Unknown	Unknown	

Figure 6.25. View of scrapers (catalog numbers 10-46-1, 10-46-2, 10-46-3, and 10-46-4) collected from Area 6, site 39FA96.

The core is a light gray quartz cobble that has a number of flakes removed from it (catalog number 10-47-1). It is 57.2 mm long, 49.6 mm wide, and 39.1 mm thick. The complete pointed biface is made from a light brownish gray White River group chalcedony (catalog number 10-47-2). It is 68.4 mm long, 20.5 mm wide, and 8.8 mm thick, with a pointed tip and a convex base.

Twenty hearths were identified in Area 6 of site 39FA96 (Figures 6.24 and 6.26-6.28). The conditions of the hearths range from mostly eroded to intact. Descriptions for the individual hearths are presented in Table 6.8.

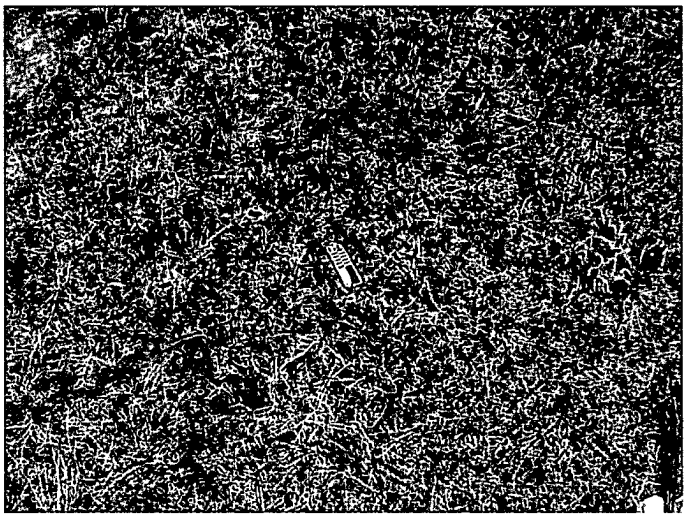

Figure 6.26. Close-up of intact hearth (H1), Area 6, site 39FA96 (similar to H5 and H14).

Figure 6.27. View of partially intact hearth (H17), Area 6, site 39FA96 (similar to H2-H4, H8-H11, and H15-H16).

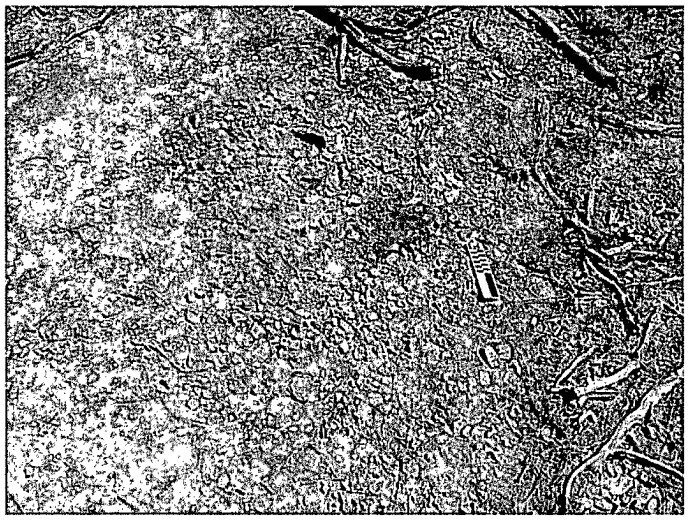

Figure 6.28. View of eroded hearth (H13), Area 6, site 39FA96 (similar to H6-H7, H12, and H18-H20).

Table 6.8. Description of Hearths in Area 6 of Site 39FA96.

Hearth Number	Size (approximate diameter)	Number of FCR Exposed (approximate)	Condition	Representative Photo Figure Number
1	60 cm	5	Intact	Figure 6.26
2	80 cm	60-80	Partially intact	Figure 6.27
3	80 cm	30-40	Partially intact	Figure 6.27
4	80 cm	30-40	Partially intact	Figure 6.27
5	40 cm	5	Intact	Figure 6.26
6	100 cm	70-100	Eroded	Figure 6.28
7	90 cm	60-80	Eroded	Figure 6.28
8	80 cm	80-100	Partially intact	Figure 6.27
9	60 cm	50-80	Partially intact	Figure 6.27
10	50 cm	50-60	Partially intact	Figure 6.27
11	70 cm	60-70	Partially intact	Figure 6.27
12	80 cm	50-100	Eroded	Figure 6.28
13	130 cm	150+	Eroded	Figure 6.28
14	60 cm	10-20	Intact	Figure 6.26
15	60 cm	20-30	Partially intact	Figure 6.27
16	80 cm	50+	Partially intact	Figure 6.27
17	60 cm	50+	Partially intact	Figure 6.27
18	100 cm	100+	Eroded	Figure 6.28
19	100+ cm	100+	Eroded	Figure 6.28
20	100+ cm	100+	Eroded	Figure 6.28

The Area 7 (Figures 6.29-6.31) concentration consists of a historic dump situated in a ravine and a prehistoric artifact scatter extending along the ridge. Prehistoric artifacts observed include flakes (primary, secondary and tertiary), retouched/utilized flakes, scrapers, FCR, shatter, cores, tested cobbles/pebbles, a biface, and a projectile point. Table 6.9 details the artifacts identified. Historic artifacts identified in the ravine dump are presented in Table 6.10. No historic materials were collected from Area 7.

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Figure 6.29. Plan view of Area 7 of site 39FA96.

10 CFR Section 2.390(a)(4):
Privileged and/or Confidential

Figure 6.30. Overview of historic dump in ravine in Area 7 of site 39FA96, facing north.

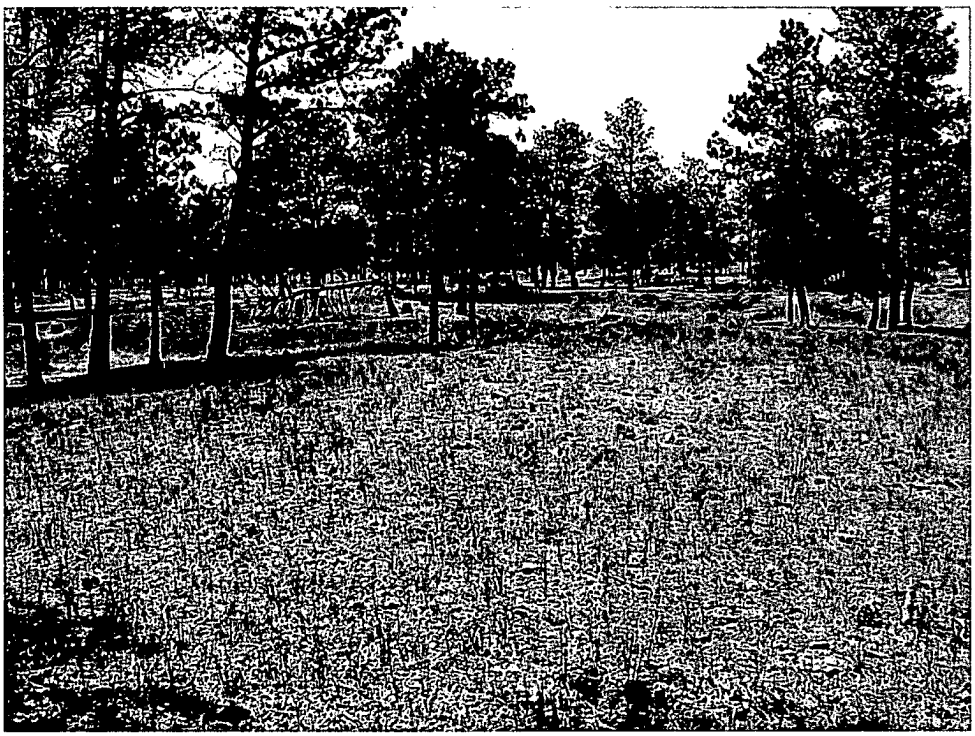

Figure 6.31. Overview of prehistoric artifact scatter along ridge, Area 7, site 39FA96, facing west.

Table 6.9. Prehistoric Artifacts Observed in Area 7 of Site 39FA96.

Number	Artifact Type	Material	Colors	Comments
2	Primary flake	Silicified sediment	Red	
3	Primary flake	Chert	Red-gray, red-tan, reddish brown	One utilized
4	Primary flake	Quartzite	Tan-brown, tan, gray-brown	One retouched
2	Primary flake	Chalcedony	Gray, light gray	One retouched (scraper-like)
1	Primary flake	Quartz	Clear	
2	Secondary flake	Chalcedony	Reddish brown, grayish white, white-light gray	Three retouched
1	Secondary flake	Quartzite	Grayish brown	
3	Secondary flake	Chert	Red, reddish brown, banded gray-tan	Two retouched
1	Secondary flake	Silicified sediment	Tan	Retouched
8	Tertiary flake	Chert	Mottled tan-gray-light yellow, gray, brown, red-tan, tan-white-light yellow, banded gray-red, purple	Three utilized; two retouched
5	Tertiary flake	Quartzite	Brown, tan, white, gray	One retouched (graver); one retouched (scraper-like); one utilized
1	Tertiary flake	Quartz	Clear	Retouched
8	Tertiary flake	Chalcedony	Light gray, gray, white, gray-red, mottled gray-white-tan	One utilized; one retouched
1	Tertiary flake	Silicified sediment	Gray	
1	Projectile point	Quartzite	Light brownish gray	Collected; catalog #10-49-1
1	Core	Chalcedony	Light gray	Expended
1	Core	Quartzite	Light gray-gray	
1	Core	Silicified Sediment	Tan	
1	Scraper	Quartzite	Gray	
1	Scraper	Chalcedony	Light gray	
1	Biface	Silicified sediment	Tan	
1	FCR	Unknown	Unknown	
1	FCR	Granite	Red	
1	Shatter	Chert	White	
1	Shatter	Chalcedony	Gray	
1	Tested cobble	Quartzite	Brown-red	
1	Tested cobble	Chert	Gray	

Table 6.10. Historic Artifacts Observed in Area 7 of Site 39FA96.

Number	Artifact Type	Material	Colors	Comments
1	Stove	Metal		Upright, wood-grained plastic veneer
*	Stove parts	Cast iron		
1	Soda bottle	Glass	Green	
*	Bottles	Glass	Clear, brown	
*	Bottle fragments	Glass	Green	
1	Bottle	Glass		Screw-top metal lid; "Federal Law Prohibits"
*	Whiteware	Ceramic		
*	Jar fragment	Glass	Blue	Pond's cream
1	Gas heater			Baked enamel
*	Jar necks	Glass		Mason
1	Jar	Glass		Mason
1	Can	Metal		Coned; beer
1	Bicycle frame	Metal		Schwinn speedster
1	Wagon			
*	Car seat springs	Metal		
*	Bed springs	Metal		
*	Oil cans	Metal		10W-30
*	Gasoline cans	Metal		1 gallon
1	Antifreeze can	Metal		
*	Tin cans	Metal		
1	Sardine can	Metal		
1	Transmission housing	Metal		Ford
1	Car door	Metal		
1	Hubcap	Metal		Chevy emblem
1	Car jack	Metal		
1	Shock absorber	Metal		
1	Pot			Baked enamel
1	Bowl			Baked enamel
*	Fencing			
1	Church key	Metal		
1	Comb	Plastic		
1	Heel			Shoe or boot
*	Strapping	Metal		

* = more than one; exact count not recorded

The only prehistoric artifact collected from Area 7 of site 39FA96 is a nearly complete, light brownish gray quartzite lanceolate projectile point (catalog number 10-49-1; Figure 6.32). It exhibits diagonal flaking and the margins taper both at the tip and the base. This point most closely resembles those associated with the Angostura complex (Paleoindian ca. 8,000-9,000 years ago [Hughes 1949; Frison 1991:24]). It is 73.3 mm long (broken), 18.2 mm wide, and 7.8 mm thick.

Figure 6.32. View of projectile point (catalog number 10-49-1) collected from Area 7, site 39FA96.

The Area 8 (Figure 6.33) concentration consists of a prehistoric artifact scatter and hearth, and historic non-farm ruins with an associated historic artifact scatter. Prehistoric artifacts observed include flakes (primary, secondary, and tertiary), shatter, retouched/utilized flakes, a scraper, a biface base, a tested cobble, and two cores (Table 6.11).

Table 6.11. Prehistoric Artifacts Observed in Area 8 of Site 39FA96.

Number	Artifact Type	Material	Colors	Comments
1	Primary flake	Chalcedony	Light gray	
1	Secondary flake	Chalcedony	Light gray	Retouched
1	Tertiary flake	Silicified sediment	Tan	
2	Tertiary flake	Chalcedony	Light gray	One utilized
1	Tertiary flake	Quartzite	Red	
2	Core	Chalcedony	Light gray	
1	End scraper	Chert	Grayish purple	Collected; catalog #10-2-3
1	Biface base	Chalcedony	Very pale orange	Collected; catalog #10-2-4
1	Shatter	Chert	Red	
1	Tested cobble	Unknown	Unknown	

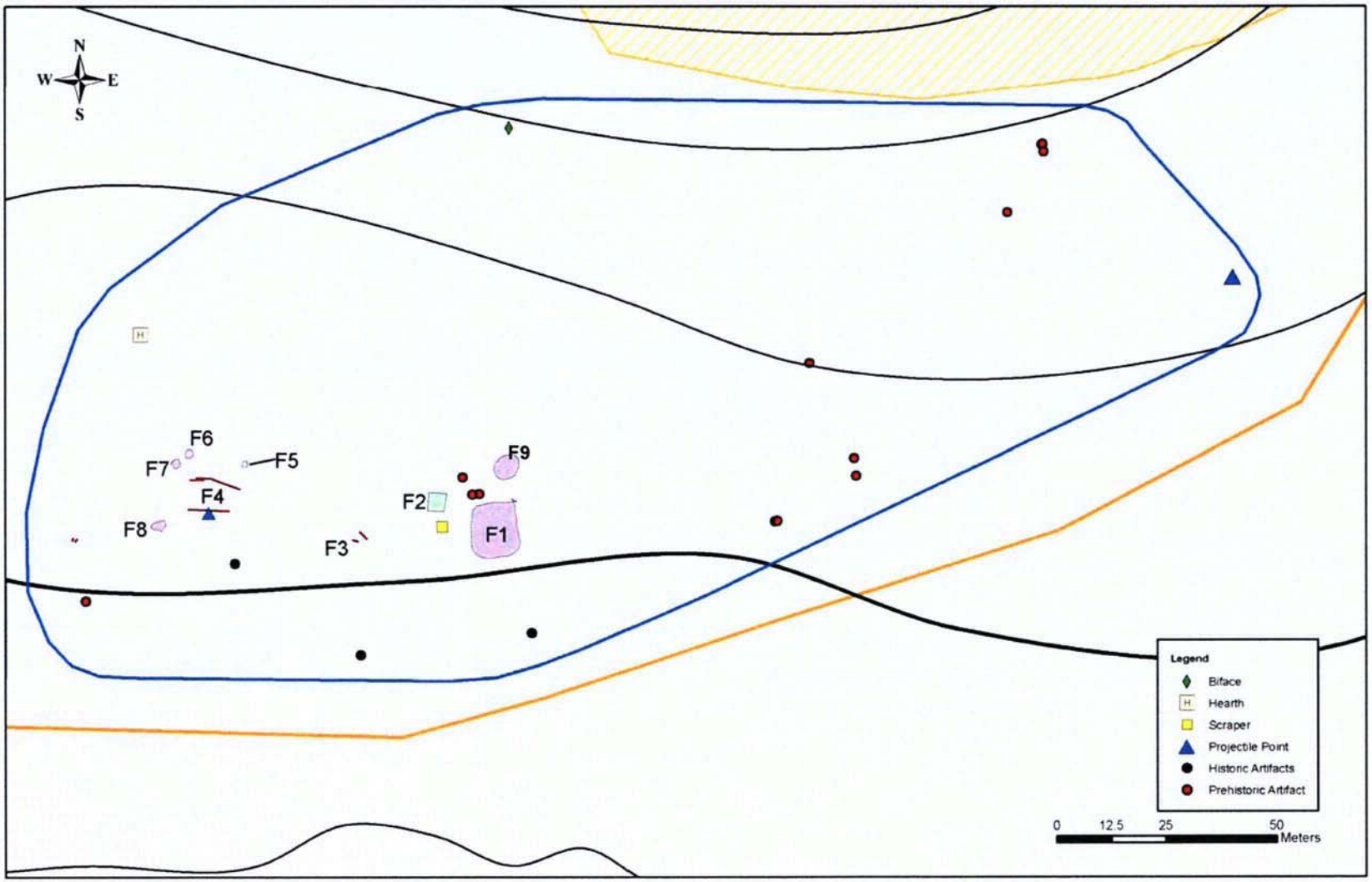

Figure 6.33. Plan view of Area 8 of site 39FA96.

The scraper and the biface base were collected from Area 8 of site 39FA96. The complete end scraper is made from a grayish purple chert (catalog number 10-2-3; Figure 6.34). The length of the scraper is 32.85 mm, the width is 26.05 mm, and the thickness is 6.35 mm. It has a 65° working bit angle. The biface base is made from very heavily patinated pale orange chalcedony (catalog number 10-2-4; Figure 6.35). The broken length is 20.6 mm, the width is 21.9 mm, and the thickness is 5.5 mm.

Figure 6.34. View of end scraper (catalog number 10-2-3) collected from Area 8 of site 39FA96.

Figure 6.35. View of biface base (catalog number 10-2-4) collected from Area 8 of site 39FA96.

A single hearth was identified at the northwest edge of Area 8 (see Figure 6.33). The partially intact hearth is approximately 70 cm in diameter with 60-70 angular pieces of FCR exposed.

Historic artifacts noted within Area 8 include a preserving jar base, bricks, flat glass, bottle glass, whiteware, stoneware, concrete, milled lumber, and square nails. Two of the Euroamerican artifacts were collected from Area 8 of site 39FA96. The first specimen (catalog number 10-2-1; Figure 6.36) is the base of a large clear preserves jar with the following embossed on the bottom "KERR GLASS MFG CO, SAND SPRINGS OKLA, AUG 31 1915." It is 87.4 mm in diameter. The other is a smaller, round, clear glass