

Archaeological Investigations Northwest, Inc.

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MEMO

Date: December 16, 2024

To: Steven R. Wall, P.E., Public Works Director

From: Michael Lorain, M.A., R.P.A., Supervising Archaeologist
Eva Hulse, Ph.D., R.P.A., Senior Geoarchaeologist

Re: Weakley Road Project
Camas, Clark County, Washington
Due Diligence Study
AINW Report No. 5236

Project Overview

The City of Camas (City) contracted with Archaeological Investigations Northwest, Inc. (AINW), to conduct a due diligence archaeological survey for the Weakley Road project. The City is considering the purchase of parcels 175762000 and 175764000, and a portion of parcel 175723000, for future construction of a New Operations Center. The project area is bounded by NE 23rd Avenue to the west and undeveloped agricultural and forested land to the north, east, and south. NE Weakley Road bisects the northern portion of the project area. The project area is in Section 27 of Township 2 North, Range 3 East, Willamette Meridian, within the City of Camas, Clark County, Washington (Figure 1).

AINW conducted a records review and pedestrian survey, and excavated 36 shovel tests within the project area (Figure 2). The archaeological survey found that extensive archaeological deposits associated with archaeological site 45CL1229 are present in the central and southern portions of the project area. Construction on the surveyed parcels would be subject to the City's archaeological ordinance. The project would also be subject to review by the Washington State Department of Archaeology and Historic Preservation (DAHP) under the State Environmental Policy Act (SEPA).

Records Review

To assess the potential for finding cultural resources within the project area, AINW reviewed records available through DAHP's Washington Information System for Architectural and Archaeological Records Data (WISAARD). Reports, maps, and other documents in AINW's library and internet sources were also examined to review known cultural resource studies and information about archaeological and historic resources that have been documented near the project vicinity. The statewide archaeological predictive model on WISAARD classifies the project area as having a very high probability for archaeological resources. No previously recorded cultural resources are within the current project area.

The land immediately to the south of the project area has been surveyed for construction of the Lacamas Heights Elementary School (Fuld and Reese 2016; Fuld et al. 2018). Two archaeological sites (45CL1228 and 45CL1229) and one archaeological isolate (45CL1230) were identified during the initial archaeological survey (Fuld and Reese 2016). Archaeological site 45CL1228 was recommended to be a significant archaeological site, and it has yielded important information about the pre-contact history of the Lacamas Prairie (Fuld et al. 2018). Archaeological site 45CL1229, located immediately adjacent to the southern boundary of the current project area, remains unevaluated.

Archaeological site 45CL1229 consists of a pre-contact lithic scatter with associated fire-cracked rocks (FCR) (Fuld and Reese 2016). The site is on a roughly east-west-oriented terrace that is north of a meandering tributary stream. A second smaller seasonal stream flows southwesterly through the western portion of the site. In 2016, artifacts identified on the surface and within shovel tests at the site included 111 flakes (108 cryptocrystalline silicate [CCS], 2 quartzite, and 1 basalt), three stone tools (2 CCS cores and 1 possible hammerstone), and nine pieces of FCR. Artifacts were identified to a maximum depth of 85 centimeters (cm) (33 inches [in]) below the ground surface. The site was not evaluated for listing in the National Register of Historic Places.

Archaeological site 45CL1228 consists of a large multi-component site that includes a pre-contact component that contained stone tools, lithic debitage, FCR, and archaeological features (a fire hearth, cooking facilities, and possible storage pits or posthole features). The site is 78 meters (256 feet) south of the current project area (Fuld et al. 2018). At least three pre-contact occupations were recorded; these consisted of a deeply buried early to mid-Holocene deposit (6999 to 5659 years before present [B.P.]), an intermediate occupation (2875 to 775 years B.P.), and a more recent occupation (650 years B.P. to the historic period). AINW recommended that the site was a significant archaeological site.

Archaeological Field Methods and Results

The archaeological survey was conducted from June 24 through 26, 2024, by AINW Staff Archaeologists Lea Loiselle, B.A., Madison Hill, B.A., and Cassandra Winkley, M.A., R.P.A., and Supervising Archaeologist Michael Lorain, M.A., R.P.A. AINW Senior Geoarchaeologist Eva Hulse, Ph.D., R.P.A., managed the project and provided general oversight.

The pedestrian survey was performed to identify archaeological materials on the ground surface and to determine where shovel testing should occur. The project area is on an upland terrace that is between two unnamed streams that feed Lacamas Lake to the southwest (Photos 1 and 2). A smaller seasonal creek meanders through the southern portion of the project area. Most of the project area consists of gently undulating grassy fields with very poor mineral soil visibility (less than 1%) (Photos 1 and 2). Residential development and associated farm structures are in the northeastern and central eastern portions of the project area (Photos 3 and 4). The ground surface has been significantly disturbed in these locations. Two CCS flakes and a piece of FCR were identified on the surface in the southern portion of the project area, and represent an extension of site 45CL1229.

A total of 36 shovel tests were excavated within the Weakley Road project area (Table 1; Figure 2). The shovel tests were excavated to provide even coverage of the project area and to delineate archaeological site 45CL1229. Shovel tests were 30-cm (12-in) diameter cylindrical holes dug to a depth of at least 50 cm (20 in) below the ground surface unless obstructed. Some of the shovel tests were excavated deeper using a 15-cm (6-in) diameter hand auger to test for deeply buried archaeological deposits and to search for the bottom of archaeological deposits. Excavated soil was screened using nested 6.4- and 3.2-millimeter ($\frac{1}{4}$ - and $\frac{1}{8}$ -in) mesh hardware cloth. Once completed, the shovel tests were backfilled, and their locations were recorded. Information regarding soil stratigraphy, excavation depth, and other field observations were recorded on standardized forms, and photographs were taken of each shovel test and its location.

The soils observed in the shovel tests were largely consistent with the Lauren series soil that is mapped to the project area (U.S. Department of Agriculture, Natural Resources Conservation Service 2004). The soils observed in the shovel tests often consisted of an A horizon of gray brown to brown sandy silt (Photos 5 and 6). Most of the shovel tests had either no clear color change or a very subtle gradual change to a darker B horizon with depth. Clay content slightly increased with depth and the abundance of gravels and cobbles also increased with depth. Subangular to subrounded gravels and cobbles were fairly common, which is consistent with Lauren series soils. Many of the shovel tests had low to moderate compaction although a few had very compact soils.

Past disturbance may be reflected where the soil profiles were inconsistent with Lauren soils. Shovel test ST-23 had an abrupt transition from the upper brown sandy silt stratum to a reddish-brown sandy silt at 32 cm (13 in) below the ground surface. Shovel test ST-36 had a dark brown silty clay lower stratum from 20 cm (8 in) to termination, and it had the highest quantity of clay observed within the project area.

Artifacts were identified in 19 of the 36 shovel tests excavated within the project area. The shovel tests with artifacts combined with the surface artifacts, represent a northern extension of site 45CL1229 into the project area. Archaeological site 45CL1229 is discussed in more detail below.

Archaeological Site 45CL1229

Archaeological site 45CL1229 is a pre-contact surface and subsurface lithic scatter with FCR that was found to extend beyond the boundaries that were recorded in 2016 (Fuld and Reese 2016). The site is on an upland terrace on either side of a seasonal meandering creek (Photos 7 and 8). The terrace gently undulates, and the archaeological deposits extend across the landform. Vegetation observed at the site includes grasses, dandelions, daisies, curly dock, prickly lettuce, Himalayan blackberries, oak trees, and Douglas-fir trees. Mineral soil visibility was often completely obscured by vegetation (primarily invasive grasses and forbs), although a few locations had limited, poor visibility (less than 10%) due to rodent hills and exposed surfaces.

Two CCS flakes and a single FCR fragment were identified on the surface in the southern portion of the site where ground visibility was higher due to patchy grasses. In addition, a total of 183 artifacts were identified in 19 shovel tests excavated within archaeological site 45CL1229 (Table 1). The artifacts identified included debitage, stone tools, and pieces of FCR (Photos 9 through 12). Artifacts were

consistently identified to depths of between 20 and 50 cm (8 and 20 in) below the ground surface and to a maximum depth of 106 cm (42 in). Artifacts were identified below 50 cm (20 in) in six shovel tests (Table 1). In addition, four shovel tests were terminated due to obstructions while still within the archaeological deposit. The densest archaeological deposits are on the western side of the project area (Figure 2). The presence of FCR indicates that subsurface thermal features are likely to be present within the project area.

The raw lithic material consisted of CCS (n=153; 96.6%), basalt (n=4; 2.5%), obsidian (n=2; 1.25%), and a sedimentary flake (0.0625%). Stone tools consisted of CCS flake tools (n=2; shovel test ST-23; Photo 11), basalt cores (n=2; shovel tests ST-7 and ST-30; Photo 10), a CCS core (shovel test ST-27), a cobble chopper (shovel test ST-24), and a quartzite hammerstone fragment (shovel test ST-6). A total of 16 pieces of FCR were identified during shovel testing from three different shovel tests at different locations within the site (Table 1; Figure 2; Photo 12).

Recommendations

AINW has completed a due diligence archaeological survey of the Weakley Road project area on behalf of the City of Camas. The archaeological survey consisted of a background review, pedestrian survey, and the excavation of 36 shovel tests within the project area. The archaeological survey found extensive archaeological deposits that represent a northern extension of archaeological site 45CL1229. Dense, potentially stratified archaeological deposits are present in multiple locations within the project area. In addition, the presence of FCR indicates that subsurface thermal features are likely to be present within the project area. This indicates that archaeological site 45CL1229 may be a significant site.

The landowners of parcel 175723000 consented to having the portion of the site on their land submitted to DAHP. The site form is appended to this memo. The landowners of parcel 175764000 did not consent to being included in the site form. *If the City purchases the parcels, the site form should be updated with the finds from parcel 175764000.*

If construction is planned, the project will need to meet the City's archaeological ordinance. The project will also be reviewed for cultural resource impacts under SEPA. An archaeological survey report can be prepared using the findings presented in this memo. The report will include environmental, ethnographic, and historical information as well as the findings of the present study. If buildings that are 50 years of age will be altered or removed, these would need to be recorded and evaluated for SEPA.

If archaeological site 45CL1229 cannot be avoided, an Archaeological Site Alteration and Excavation Permit will be needed from DAHP. Under the permit, the archaeological site would be evaluated with additional archaeological excavations. The findings of those excavations would be summarized in an excavation report for review by DAHP and Tribes. An appropriate course of action for construction would be developed in coordination with DAHP and Tribes.

References

Fuld, Kristen A., and Jo Reese

2016 *Archaeological Survey for the Lacamas Heights Elementary School, Camas, Washington*. Archaeological Investigations Northwest, Inc. Report No. 3624. Prepared for Camas School District, Camas, Washington. On file, Washington Department of Archaeology and Historic Preservation, Olympia.

Fuld, Kristen A., Eva Hulse, Jo Reese, John Fagan, Marci Monaco, and Meghan Johnson

2018 *Results of Archaeological Excavations and Construction Monitoring at Site 45CL1228 for the Lacamas Lake Elementary School Project, Camas, Clark County, Washington*. Archaeological Investigations Northwest, Inc. Report No. 3819. Prepared for Camas School District, Camas, Washington. On file, Washington Department of Archaeology and Historic Preservation, Olympia.

U.S. Department of Agriculture, Natural Resources Conservation Service

2004 *Lauren Series*. Electronic document, https://soilseries.sc.egov.usda.gov/OSD_Docs/L/LAUREN.html, accessed June 28, 2024.

**TABLE 1
 RESULTS OF SHOVEL TESTS**

Shovel Test No.	Depth of Excavation (cm)	Depth of Cultural Materials (cm)	Archaeological Materials				Shovel Test Total
			Debitage	Stone Tools	FCR	Total	
ST-1	63**,**	0-10	2		5	7	13
		20-30	3			3	
		30-40	1		1	2	
		40-50	1			1	
ST-2	92**,**	No Artifacts					
ST-3	80**,**	No Artifacts					
ST-4	60**,**	10-20	1			1	11
		20-30	1		3	4	
		30-40			2	2	
		40-50			2	2	
		50-60			2	2	
ST-5	51	No Artifacts					
ST-6	70**,**	0-10		1		1	2
		40-50	1			1	
ST-7	154**,**	10-20	4				21
		30-40	9	1		10	
		40-50	4			4	
		60-75	1			1	
		75-85	5			5	
		100-106	1			1	
ST-8	52	0-10	2			2	7
		10-20	3			3	
		20-30	2			2	
ST-9	60	0-10	3			3	12
		30-40	9			9	
ST-10	50	No Artifacts					
ST-11	50	No Artifacts					

Table 1, continued

Shovel Test No.	Depth of Excavation (cm)	Depth of Cultural Materials (cm)	Archaeological Materials				Shovel Test Total
			Debitage	Stone Tools	FCR	Total	
ST-12	96*,**	0-10	2			2	23
		20-30	15			15	
		30-40	3			3	
		40-50	2			2	
		60-65	1			1	
ST-13	70**	No Artifacts					
ST-14	50	No Artifacts					
ST-15	50	No Artifacts					
ST-16	60**	No Artifacts					
ST-17	80**	No Artifacts					
ST-18	52	No Artifacts					
ST-19	67**	40-50	2			2	2
ST-20	53	20-30	1			1	1
ST-21	50	No Artifacts					
ST-22	50	No Artifacts					
ST-23	83*,**	10-20	5	1		6	14
		20-30	1		1	2	
		40-50	1	1		2	
		55-65	2			2	
		75-83	2			2	
ST-24	50	0-10		1		1	1
ST-25	50	No Artifacts					
ST-26	50	No Artifacts					
ST-27	70**	0-10	1			1	30
		10-20	11			11	
		20-30	6			6	
		30-40	2			2	
		40-50	7	1		8	
		50-60	2			2	

Table 1, continued

Shovel Test No.	Depth of Excavation (cm)	Depth of Cultural Materials (cm)	Archaeological Materials				Shovel Test Total
			Debitage	Stone Tools	FCR	Total	
ST-28	50	20-30	5			5	8
		30-40	3			3	
ST-29	51	20-30	1			1	1
ST-30	70**	20-30		1		1	1
ST-31	80**	0-10	1			1	2
		40-50	1			1	
ST-32	50	20-30	3			3	3
ST-33	50	No Artifacts					
ST-34	55	No Artifacts					
ST-35	64**,**	0-10	5			5	25
		10-20	6			6	
		20-30	6			6	
		30-40	1			1	
		40-50	6			6	
		50-64	1			1	
ST-36	50	0-10	1			1	2
		10-20	1			1	
Total			160	7	16	183	183

*Shovel test terminated at an impenetrable rock layer.

** Excavated below a depth of 50 cm using a 15-cm hand auger.

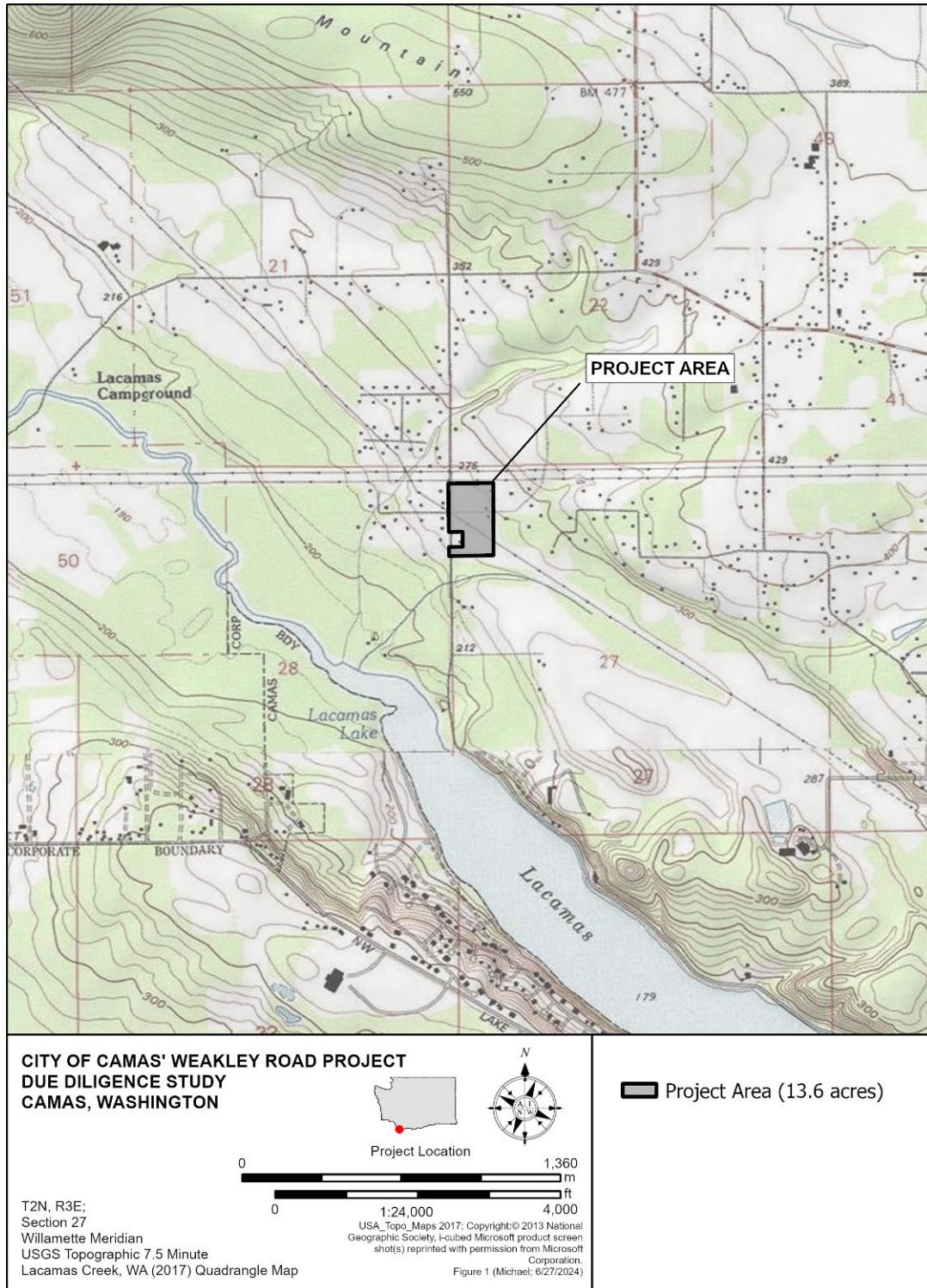


Figure 1. The Weakley Road project area in Camas, Clark County, Washington.

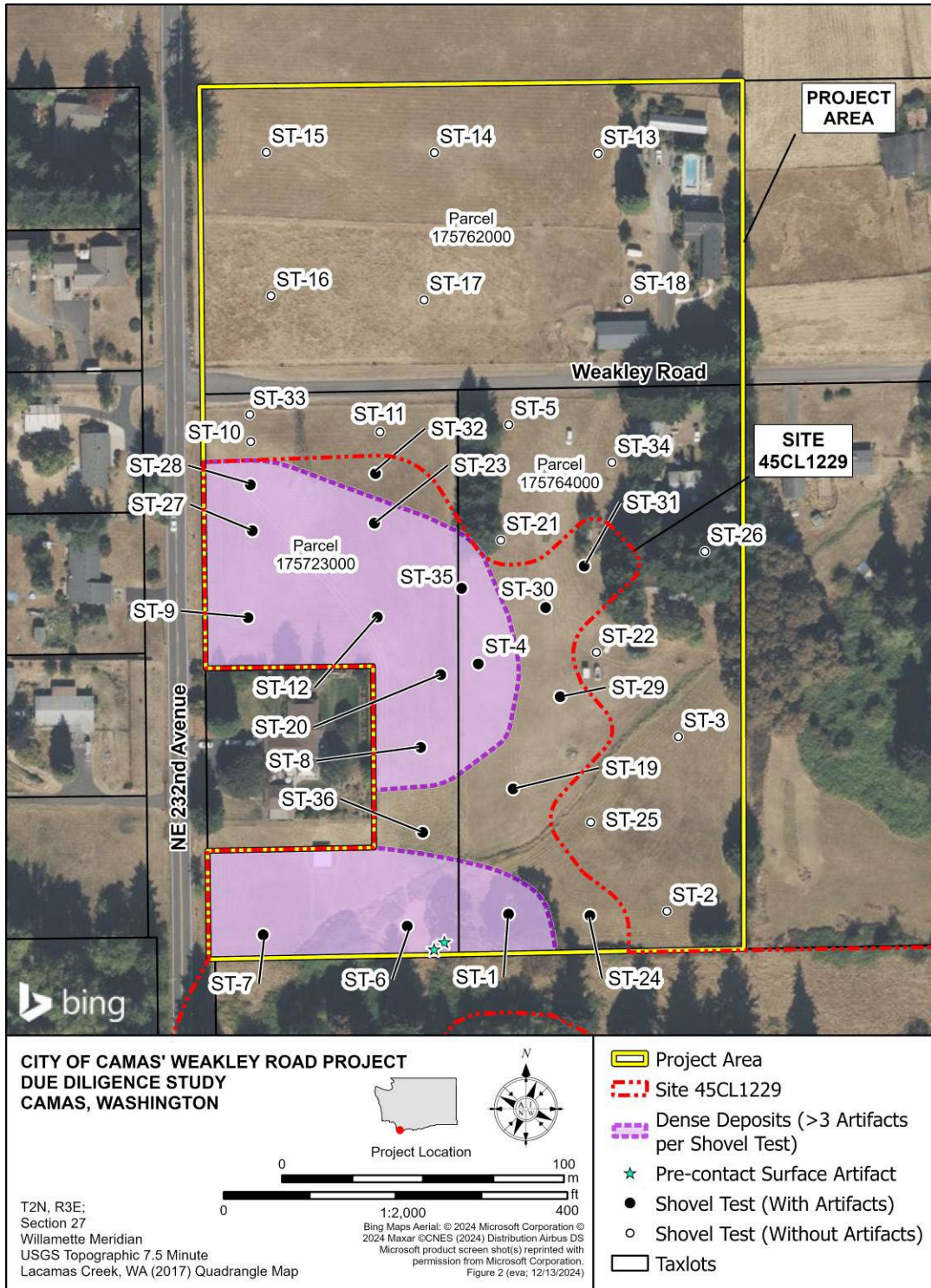


Figure 2. The Weakley Road project area in relation to shovel tests, surface artifacts, and archaeological site 45CL1229.



Photo 1. Overview of the northern portion of the project area. The view is towards the east.



Photo 2. Overview of the southern portion of the project area. The view is towards the north.



Photo 3. Overview of the residential development in the northeastern portion of the project area. The view is towards the north.



Photo 4. Overview of shovel test ST-26 and the general residential development in the central eastern portion of the project area. The view is towards the west.



Photo 5. The north wall profile of shovel test ST-27.



Photo 6. The north wall profile of shovel test ST-20.



Photo 7. Overview of site 45CL1229. The view is towards the southwest.



Photo 8. Overview of site 45CL1229. The view is towards the northwest.



Photo 9. Artifacts identified in shovel test ST-7.



Photo 10. Basalt core identified in shovel test ST-30 at a depth of 20 to 30 cm (8 to 12 in) below the ground surface.



Photo 11. CCS flake tool fragment identified in shovel test ST-23.



Photo 12. FCR identified in shovel test ST-4.

APPENDIX

SITE FORM



STATE OF WASHINGTON ARCHAEOLOGICAL SITE INVENTORY FORM

Smithsonian Number: 45CL01229

County: Clark

Date: 12/5/2024

Human Remains? DAHP Case No.:

Compiled By: Michael Lorain

Archaeological Investigations Northwest Inc

Archaeological Sites are exempt from public disclosure per RCW 42.56.300

SITE DESIGNATION

Site Name:

Field/Temporary ID:

Site Type: Pre Contact Lithic Material

As the designated authority under the National Historic Preservation Act, as amended, I hereby certify that this request for determination of eligibility meet the documentation standards for registering properties in the National Register of Historic Places and meets the procedural and professional requirements set forth in 36 CFR Part 60. In my opinion, the site

meets does not meet the National Register Criteria.

I recommend that this property be considered significant at the following level(s) of significance:

Criteria

Statement of Significance

The site is unevaluated for listing in the NRHP.

Integrity

The site's integrity has not been evaluated. The presence of deeply buried artifacts suggests that there are intact soils below the plow zone.

SHPO Determination

Eligibility Survey/Inventory Determined On

Determined By

SHPO Comments

SITE LOCATION

USGS Quad Map Name(s): LACAMAS CREEK

T: 02 R: 03 E/W: E Section: 28

T: 02 R: 03 E/W: E Section: 27

UTM: Zone: 10 Easting: 544206 Northing: 5053360

Latitude: 45.6324 Longitude: -122.4329 Elevation (ft/m): 74 to 85 m

Drainage, Major: Lower Columbia-Sandy Drainage, Minor: Lacamas Creek River Mile

Aspect Southwest Slope Less than 2%

Location Description (General to Specific):

This is a site update form. The site is located within the northwestern portion of the City of Camas, Washington. It is on a terrace that is directly north of Lacamas Lake Elementary school and approximately 0.55 km (0.34 mi) north-northeast of Lacamas Lake. The site is on an upland terrace on either side of a seasonal meandering creek. The terrace gently undulates and there are a mix of higher and lower elevation areas within the site. Mineral soil visibility was often completely obscured by vegetation (primarily grasses and weeds) although a few locations had poor visibility (less than 10%) due to rodent hills and exposed surfaces.

Directions (For Relocation Purposes):

This is a site update form. From Camas, at the intersection of SE Leadbetter Rd and NE Everett St, drive northwest along SE Leadbetter Rd for approximately 1.6 miles and stay on NE 232nd Ave. Continue north along NE 232nd Ave for 0.6 mile and turn right onto NE Weakley Rd. To access the updated portion of the site, park on the south side of NE Weakley Rd. Walk south through the field for 69 ft to reach the northern edge of the site.

SITE DESCRIPTION

Narrative Description (Overall Site Observations):

This is a site update form. The site was revisited by AINW in June 2024 as part of a due diligence study conducted on behalf of the City of Camas (City). The landowner consented to submittal of a site form to WISAARD and the City retains a summary memo in its files. The site is a pre-contact surface and subsurface lithic scatter with fire cracked rock (FCR) that was found to extend beyond its original boundaries that were recorded in 2016 (Fuld and Reese 2016). The site was expanded to the north of the western portion of the site. The site has been delineated along its northern edge with 3 shovel tests (ST-10, ST-11, and ST-33) that contained no archaeological material. Eleven shovel tests contained archaeological material within the expanded site boundary. Dense archaeological deposits are present throughout the surveyed area. In addition, the presence of FCR indicates that subsurface thermal features are likely to be present within the project area. As such, the site likely represents a significant archaeological site. Evaluative excavations are recommended if the site cannot be avoided.

Site Dimensions (Overall Site Dimensions):

Length: 290 **Direction:** N-S **Width:** 415 **Direction:** E-W
Method of Horizontal Measurement: Shovel tests.
Depth: 106 cm **Method of Vertical Measurement:** Shovel tests and tape measure.

Vegetation (On Site):

Local: Grasses, dandelions, daisies, curly dock, prickly lettuce, additional various weeds, Himalayan blackberries, oak trees, and Douglas fir trees. **Regional:** Tsuga heterophylla vegetation zone

Landforms (On Site):

Local: Terrace above an unnamed stream **Regional:** Lacamas Creek terrace

Water Resources (Type): Stream **Distance:** Flows southwest **Permanence:** Seasonal through western portion of site

CULTURAL MATERIALS AND FEATURES

Narrative Description (Specific Inventory Details):

This is a site update form. This description is for the area added to the site in 2024 as part of a due diligence study for the City. The City retains a summary memo in its files. Two CCS flakes and a single FCR fragment were identified on the surface in the southern portion of the surveyed area where ground visibility was higher due to a lack of abundant grasses.

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In addition, a total of 127 artifacts were identified in 11 shovel tests excavated within archaeological site 45CL1229. The artifacts identified included debitage (n=121), stone tools (n=5), and a single piece of FCR. Artifacts were consistently identified to 50 cm (20 in) below the ground surface in places and to a maximum depth of 106 cm (41.7 in). Artifacts were identified below 50 cm (20 in) in 4 shovel tests (ST-7, ST-12, ST-23, and ST-27). In addition, 1 shovel test (ST-23) was terminated due to an obstruction while still finding artifacts.

The raw material of lithic debitage consisted of CCS (n=114 [94.2%]), basalt (n=4 [3.3%]), obsidian (n=2 [1.65%]), and a sedimentary flake (0.82%). Stone tools consisted of CCS flake tools (n=2; ST-23), a basalt core (ST-7), a CCS core (ST-27), a cobble chopper (ST-24), and a quartzite hammerstone fragment (ST-6). A single piece of FCR was identified in shovel test ST-23.

Method of Collection:

N/A

Location of Artifacts (Temporary/Permanent):

Artifacts were photographed, bagged, labeled, and reburied in the shovel tests in which they were identified.

SITE AGE

Component Type	Precontact
Dates	Precontact
Dating Method	Lithic artifacts
Phase	
Basis for Phase Designation	

SITE RECORDERS

Observed By	Address		
Lea Loiselle	3510 NE 122nd Ave, Portland, OR 97230		
Cassandra Winkley	3510 NE 122nd Ave, Portland, OR 97230		
Michael Lorain	3510 NE 122nd Ave, Portland, OR 97230		
Date Recorded:	6/26/2024		
Recorded by (Professional Archaeologist):	Michael Lorain		
Organization:	Archaeological Investigations Northwest Inc	Phone Number:	(971) 645-5654
Address:	3510 NE 122nd Ave, Portland, OR 97230	Email:	Michael@ainw.com

SITE HISTORY

Previous Archaeological Work:

Archaeological site 45CL1229 consists of a pre-contact lithic scatter with associated fire cracked rocks that was originally recorded in 2016 (Fuld and Reese 2016). Artifacts identified in 2016 on the surface and within shovel tests at the site included 111 flakes (108 cryptocrystalline silicate [CCS], 2 quartzite, and 1 basalt), three stone tools (2 CCS cores and 1 possible hammerstone), and nine pieces of FCR. Artifacts were identified to a maximum depth of 85 centimeters (cm) (33 inches [in]) below the ground surface.

ARCHAEOLOGICAL SITE INVENTORY FORM

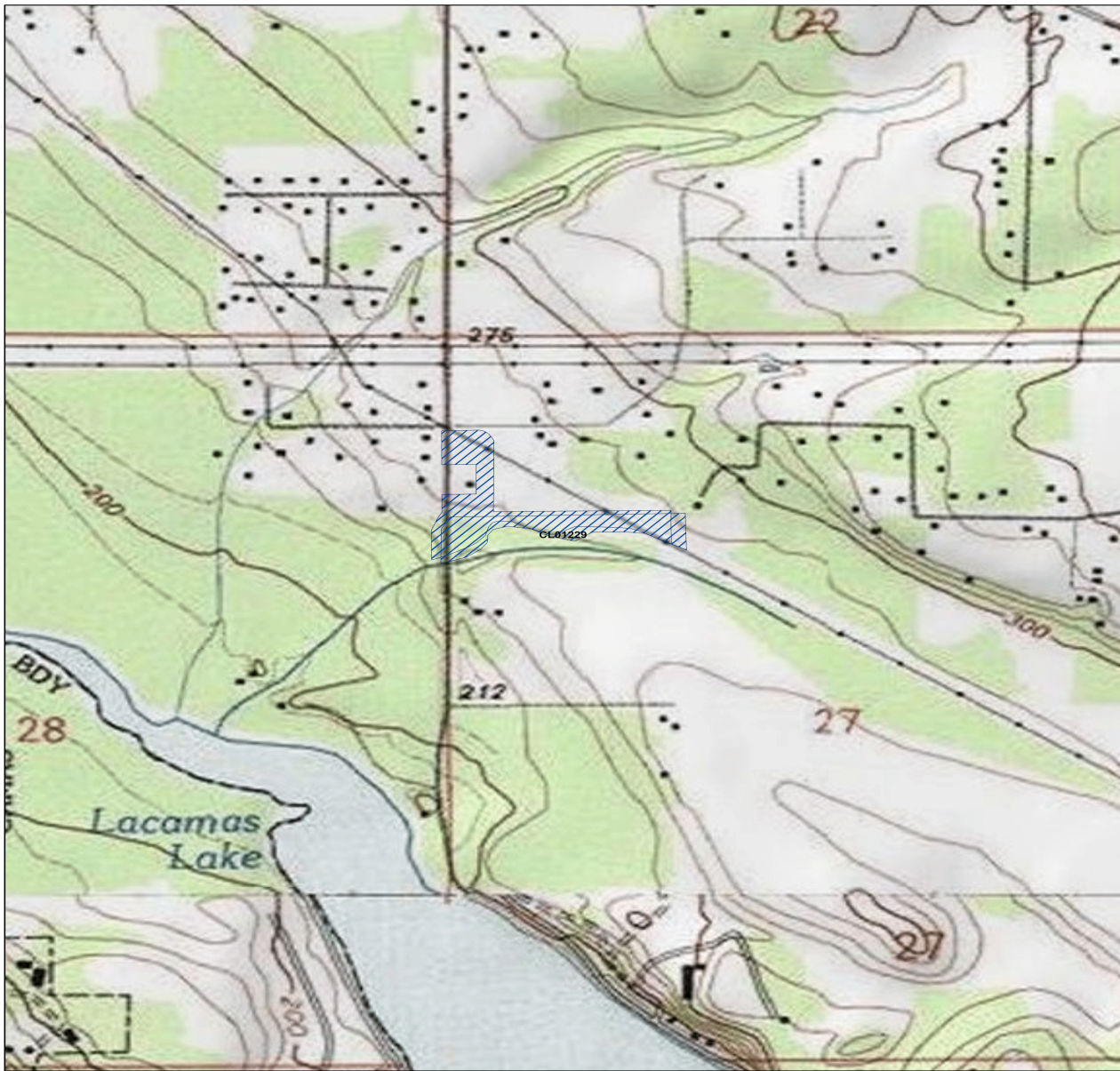
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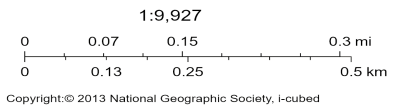
LAND OWNERSHIP		
Owner	Address	Parcel
Robert Hitchcock	1411 NE 232nd Ave, Camas, WA, 98607	175723000

RESEARCH REFERENCES
<p>Items/Documents Used in Research:</p> <p>Fuld, Kristen A., and Jo Reese 2016 Archaeological Survey for the Lacamas Heights Elementary School, Camas, Washington. Archaeological Investigations Northwest, Inc. Report No. 3624. Prepared for Camas School District, Camas, Washington. Report on file, Washington Department of Archaeology and Historic Preservation, Olympia.</p>

USGS MAP



December 13, 2024



SKETCH MAPS

Source Information



<p>SITE 45CL1229 WEAKLEY ROAD PROJECT CAMAS, CLARK COUNTY, WASHINGTON</p>			
<p>T2N, R3E; Section 27 N1/2ofSWofNW SWofNWofNW Willamette Meridian USGS Topographic 7.5 Minute Lacamas Creek, WA (2017) Quadrangle Map USGS Topoview (https://ngmdb.usgs.gov/topoview/)</p>		<p>Map Location</p> <p>0 150 m 0 500 ft 1:3,000</p>	<p>NAD 83 UTM Zone 10 N 544151m E 5053425m N Elevation: 74 to 85 m (246 to 279 ft)</p> <p><small>Site 45CL1229 Aerial (Michael), 12/5/2024</small></p>
<p> Site 45CL1229 Surveyed Area Pre-contact Surface Artifact Shovel Test (With Artifacts) Shovel Test (Without Artifacts) Fuld and Reese 2016 Shovel Tests (With Artifacts) </p>			

Photographs, Tables and Additional Information

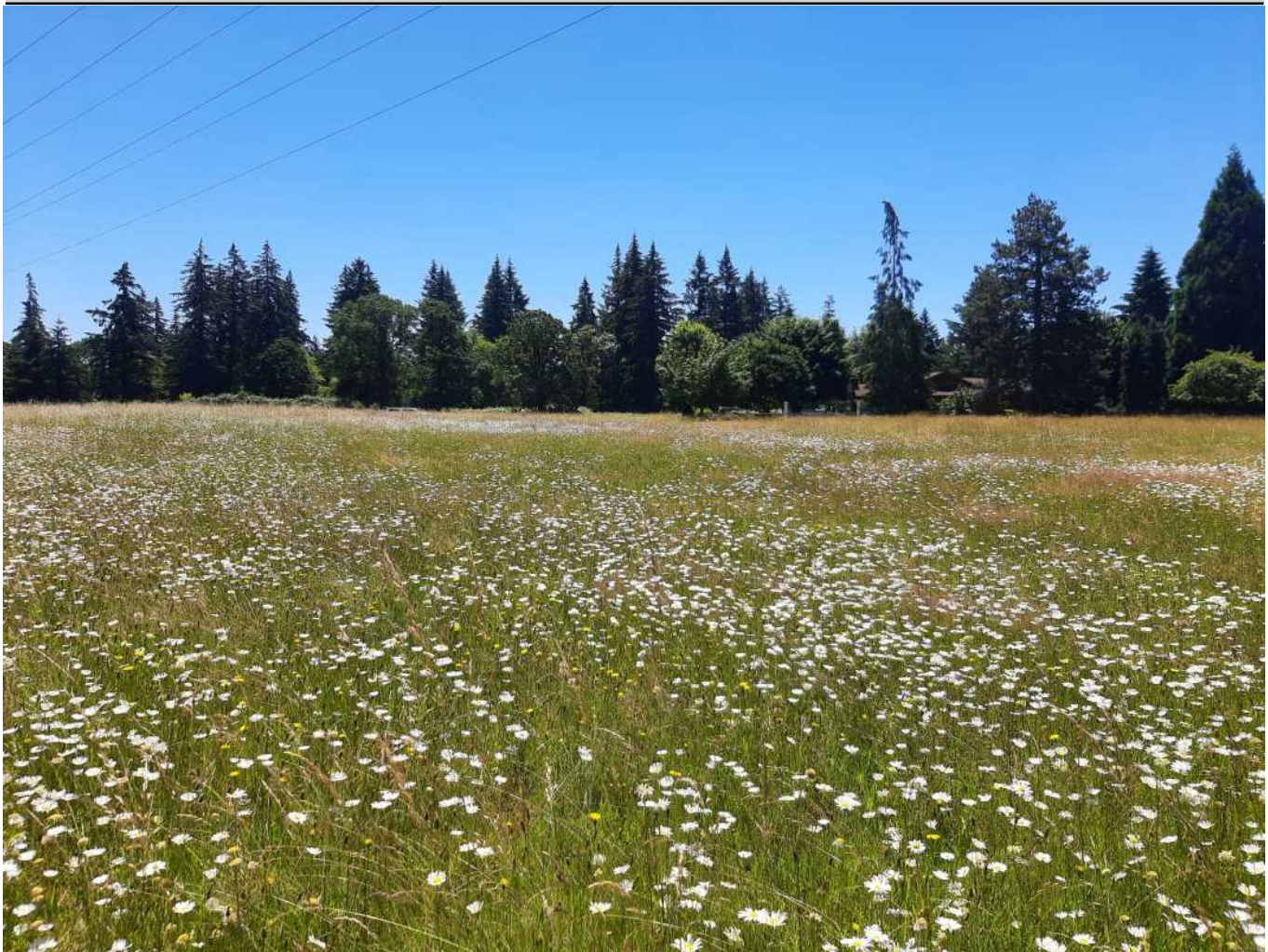


Photo ID 870670
Title MSL3518_8431.jpg
Year Taken 2024
Is Circa?
Notes Overview of the northern portion of the expanded portion of the site.
Type image/jpeg
Photo View The view is towards the south.
Source
Copyright

ARCHAEOLOGICAL SITE INVENTORY FORM

Smithsonian Number: 45CL01229

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Shovel Test No.	Depth of Excavation (cm)	Depth of Cultural Materials (cm)	Archaeological Materials				Shovel Test Total
			Debitage	Stone Tools	FCR	Total	
ST-28	50	20-30	5			5	8
		30-40	3			3	
ST-32	50	20-30	3			3	3
ST-33	50	No Artifacts					
ST-36	50	0-10	1			1	2
		10-20	1			1	
<i>Total</i>			<i>121</i>	<i>5</i>	<i>1</i>	<i>127</i>	<i>127</i>

*Shovel test terminated at an impenetrable rock layer.

** Excavated below a depth of 50 cm using a 15-cm hand auger.

Photo ID 870667

Title Table 1.jpg

Year Taken 2024

Is Circa?

Notes Shovel Test Table Continued

Type image/jpeg

Photo View

Source

Copyright

ARCHAEOLOGICAL SITE INVENTORY FORM

Smithsonian Number: 45CL01229

TABLE 1.
RESULTS OF SHOVEL TESTS

Shovel Test No.	Depth of Excavation (cm)	Depth of Cultural Materials (cm)	Archaeological Materials				Shovel Test Total
			Debitage	Stone Tools	FCR	Total	
ST-6	70**	0-10		1		1	2
		40-50	1			1	
ST-7	154**	10-20	4				21
		30-40	9	1		10	
		40-50	4			4	
		60-75	1			1	
		75-85	5			5	
		100-106	1			1	
ST-8	52	0-10	2			2	7
		10-20	3			3	
		20-30	2			2	
ST-9	60	0-10	3			3	12
		30-40	9			9	
ST-10	50	No Artifacts					
ST-11	50	No Artifacts					
ST-12	96**	0-10	2			2	23
		20-30	15			15	
		30-40	3			3	
		40-50	2			2	
		60-65	1			1	
ST-20	53	20-30	1			1	1
ST-23	83**	10-20	5	1		6	14
		20-30	1		1	2	
		40-50	1	1		2	
		55-65	2			2	
		75-83	2			2	
ST-27	70**	0-10	1			1	30
		10-20	11			11	
		20-30	6			6	
		30-40	2			2	
		40-50	7	1		8	
		50-60	2			2	

*Shovel test terminated at an impenetrable rock layer.
** Excavated below a depth of 50 cm using a 15-cm hand auger.

Photo ID 870666
 Title Table 1.jpg
 Year Taken 2024
 Is Circa?
 Notes Shovel Test Table
 Type image/jpeg
 Photo View
 Source
 Copyright



Photo ID 870660
Title MSL3518_8501.jpg
Year Taken 2024
Is Circa?
Notes Overview of the southern portion of the expanded portion of the site.
Type image/jpeg
Photo View The view is towards the west.
Source
Copyright



Photo ID 870659
Title LL3518_3749.jpg
Year Taken 2024
Is Circa?
Notes CCS flake tool fragment identified in shovel test ST-23.
Type image/jpeg
Photo View
Source
Copyright



Photo ID 870658
Title LL3518_3679.jpg
Year Taken 2024
Is Circa?
Notes Artifacts identified in shovel test ST-7.
Type image/jpeg
Photo View
Source
Copyright

ARCHAEOLOGICAL SITE INVENTORY FORM

Smithsonian Number: 45CL01229

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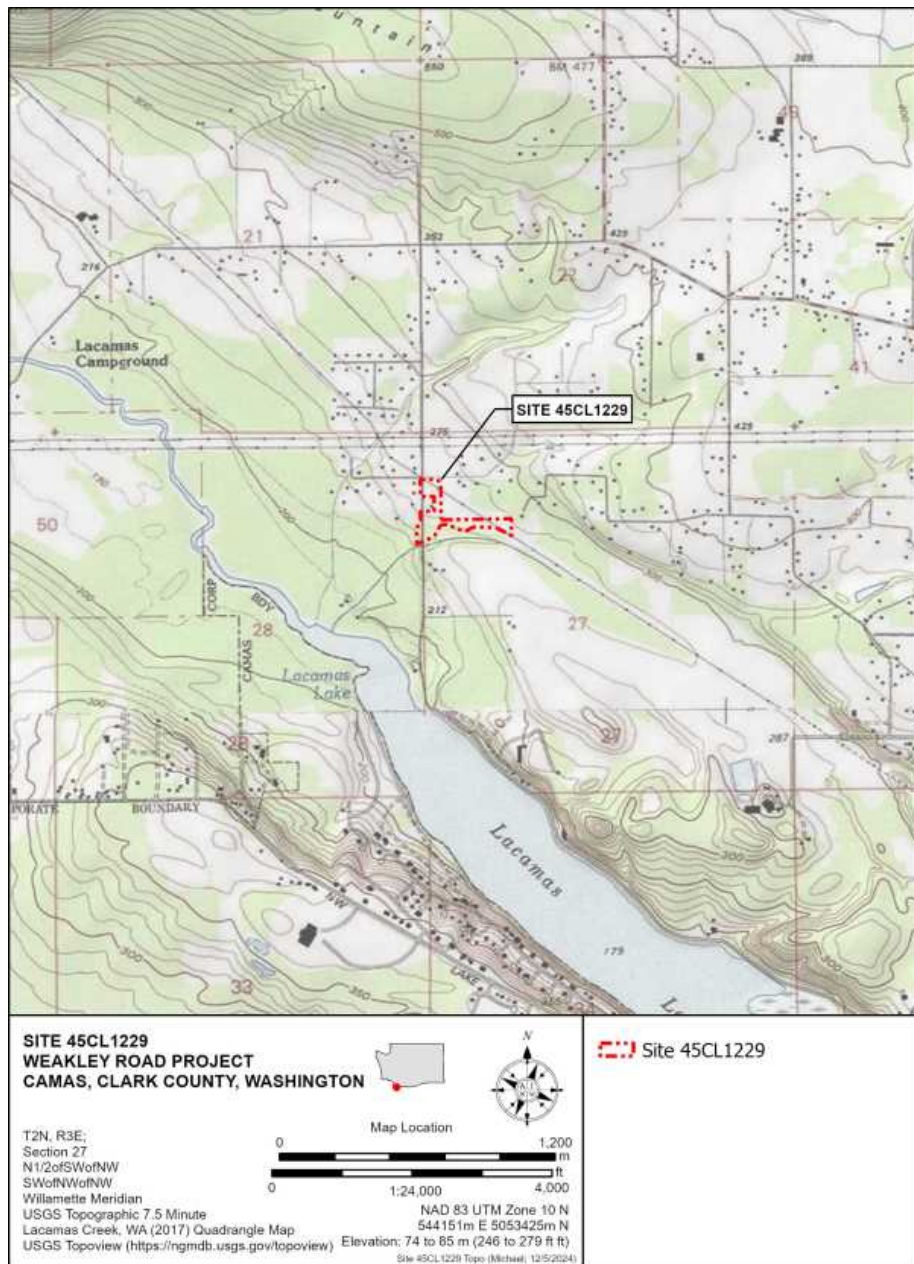


Photo ID 870651

Title Site 45CL1229 Topo.jpg

Year Taken

Is Circa?

Notes

Type image/jpeg

Photo View

Source

Copyright

ARCHAEOLOGICAL SITE INVENTORY FORM

Smithsonian Number: 45CL01229

Page 14 of 14



Photo ID 870688
Title Table 1.pdf
Year Taken
Is Circa?
Notes Shovel Test Table
Type image/jpeg
Photo View
Source
Copyright



Photo ID 312465
Title Original archaeology site form(s)
Year Taken
Is Circa?
Notes
Type image/jpeg
Photo View
Source
Copyright

TABLE 1.
RESULTS OF SHOVEL TESTS

Shovel Test No.	Depth of Excavation (cm)	Depth of Cultural Materials (cm)	Archaeological Materials				Shovel Test Total
			Debitage	Stone Tools	FCR	Total	
ST-6	70**	0-10		1		1	2
		40-50	1			1	
ST-7	154**	10-20	4				21
		30-40	9	1		10	
		40-50	4			4	
		60-75	1			1	
		75-85	5			5	
		100-106	1			1	
ST-8	52	0-10	2			2	7
		10-20	3			3	
		20-30	2			2	
ST-9	60	0-10	3			3	12
		30-40	9			9	
ST-10	50	No Artifacts					
ST-11	50	No Artifacts					
ST-12	96**	0-10	2			2	23
		20-30	15			15	
		30-40	3			3	
		40-50	2			2	
		60-65	1			1	
ST-20	53	20-30	1			1	1
ST-23	83**	10-20	5	1		6	14
		20-30	1		1	2	
		40-50	1	1		2	
		55-65	2			2	
		75-83	2			2	
ST-27	70**	0-10	1			1	30
		10-20	11			11	
		20-30	6			6	
		30-40	2			2	
		40-50	7	1		8	
		50-60	2			2	

*Shovel test terminated at an impenetrable rock layer.

** Excavated below a depth of 50 cm using a 15-cm hand auger.

Shovel Test No.	Depth of Excavation (cm)	Depth of Cultural Materials (cm)	Archaeological Materials				
			Debitage	Stone Tools	FCR	Total	Shovel Test Total
ST-28	50	20-30	5			5	8
		30-40	3			3	
ST-32	50	20-30	3			3	3
ST-33	50	No Artifacts					
ST-36	50	0-10	1			1	2
		10-20	1			1	
<i>Total</i>			121	5	1	127	127

*Shovel test terminated at an impenetrable rock layer.

** Excavated below a depth of 50 cm using a 15-cm hand auger.



STATE OF WASHINGTON ARCHAEOLOGICAL SITE INVENTORY FORM

Smithsonian No.: 45CL01229

*County: Clark

*Date: September 26, 2016 *Compiler: Kristen A. Fuld, M.A., R.P.A.

Human Remains?

DAHP Case No.:

"Archaeological sites are exempt from public disclosure per RCW 42.56.300"

SITE DESIGNATION

Site Name:

Field/ Temporary ID: 16/2407-2

*Site Type(s) (*Refer to the DAHP Survey and Inventory Guidelines Page 19*): Pre-contact Lithic Scatter

SITE LOCATION

*USGS Quad Map Name(s): *Lacamas Creek, Washington, 7.5-minute, 1990*

*Legal Description: T 2 North R 3 East E/W Section(s): 27

Quarter Section(s): N ½ of the SW ¼ of the NW 1/4

*UTM: Zone 10 (NAD 83) Easting 544265 Northing 5053340

Latitude: Longitude: Elevation (ft/m): 72 to 84 meters (m)
238 to 278 feet (ft)

Other Maps:

Type:

Scale:

Source:

Drainage, Major: Lacamas Lake

Drainage, Minor: unnamed stream

River Mile:

Aspect: Southwest

Slope: 3% to the Southwest

*Location Description (*General to Specific*): The site is located in the northeast portion of the city of Camas, approximately 0.5 kilometers (km) (0.3 miles [mi]) north of Lacamas Lake. The site spans NE 232nd Avenue and is 0.3 km (0.2 mi) north of the intersection of NE 232nd Avenue and NE 9th Street. The site vicinity is characterized by single family residences on large lots. An unnamed tributary stream flows southwesterly through the western part of the site. The site is on a roughly east-west oriented terrace 25 m (82 ft) north of a second unnamed tributary stream. Most of the site is within open grassy pasture; however, the area west of NE 232nd Avenue is wooded.

***Directions** (*For Relocation Purposes*): In Camas, from the intersection of NW Everett Street and NW Leadbetter Road, travel north 2.7 km (1.7 mi). Where NW Leadbetter road becomes NE 232nd Avenue, travel 1 km (1.6 mi) and turn right (east) at 1111 NE 232nd Avenue and park. Walk north along NE 232nd Avenue approximately 180 m (590 ft) to reach the site area, north of an unnamed stream.

SITE DESCRIPTION

***Narrative Description** (*Overall Site Observations*): Site 16/2407-2 is a pre-contact lithic scatter on a broad terrace north of a westerly flowing unnamed tributary of Lacamas Lake. The site was identified during an archaeological predetermination and survey conducted by Archaeological Investigations Northwest, Inc. in February, March, and May 2016. Artifacts were found on the surface and in five shovel tests (ST-17 through ST-20 and ST-33). Shovel tests were 30-centimeter (cm) (12-inch [in]) cylinders spaced approximately 70 to 100 m (230 to 328 ft) apart. Shovel tests were excavated to a minimum depth of 55 cm (22 in) with a maximum depth of 85 cm (33 in). Soils were brown loam with less than 1% gravels from the surface to the depth of each shovel test, except for in shovel tests ST-18 and ST-33. Shovel test ST-18 had a 20 cm (8 in) thick surface layer of dark brown loam with less than 1% rock overlaying brown loam with less than 1% rock as well as charcoal and burned earth from 20 to 60 cm (8 to 24 in) below the surface. The underlying layer was brown silty clay loam with approximately 5% decomposing gravels. Shovel test ST-18 was augered from 60 to 85 cm (24 to 33 in) below the surface and was terminated when the auger could not go deeper due to gravels. Shovel test ST-33 contained a brown silt loam surface layer that extended to 30 cm (12 in) below the surface, overlying reddish brown clay loam with approximately 30% subrounded pebble-sized gravels. The northern, eastern, and western boundaries are property lines; the Southern boundary is the terrace edge above the unnamed tributary stream.

***Site Dimensions** (*Overall Site Dimensions*):

***Length:** 410 m ***Direction:** East-West

x ***Width:** 100 m ***Direction:** North-South

***Method of Horizontal Measurement:** GPS and Map

***Depth:** 80 cm * **Method of Vertical Measurement:** Tape measure

***Vegetation** (*On Site*): mowed grasses, salmonberry, vine maple, nettle, and Himalayan blackberry

Local: Douglas-fir, oak, western red cedar, reedcanary grass and sedges in some places, ferns, various grasses and forbs **Regional:** *Tsuga heterophylla* zone

Landforms (*On Site*): Terrace above an unnamed stream

Local: Terrace above Lacamas Creek

Water Resources (*Type*): Stream

Distance: flows southwest through western portion of site

Permanence: Seasonal

CULTURAL MATERIALS AND FEATURES

***Narrative Description** (*Specific Inventory Details*): Site 16/2407-2 consists of 111 pieces of debitage, 3 stone tools, and 9 pieces of fire-cracked rock. The site was found in five shovel tests and three flakes were found on the surface on the west bank of a seasonal stream that flows southwesterly through the site. Debitage included 108 CCS flakes, 2 quartzite flakes, and 1 basalt flake. Three stone tools were found: 1 CCS core was found from 40 to 50 cm (16 to 20 in) below the surface of shovel test ST-33, 1 CCS core fragment was found in the upper 40 cm (16 in) of shovel test ST-17, and 1 possible hammerstone was found from 35 to 45 cm (14 to 18 in) below the surface in shovel test ST-18. Of the 9 pieces of FCR encountered, 8 pieces were found between 10 and 35 cm (8 and 14 in) below the surface in shovel test ST-18 and one piece was found in the upper 10 cm (4 in) of shovel test ST-19. No temporally diagnostic artifacts or cultural features were found at the site. Shovel tests ST-17 and ST-18 that were excavated in the western portion of the site contained most of the artifacts found at the site, to depths of 80 and 85 cm (32 and 33 in) below the surface. All of the stone tools found at the site, and the majority of FCR, were located in the western portion of the site. Shovel tests ST-19 and ST-20 that were excavated in the eastern portion of the site contained fewer artifacts. Artifacts observed at the site suggest the site was used for the manufacture and maintenance of stone tools.

***Method of Collection:** N/A

***Location of Artifacts** (*Temporary/Permanent*): Artifacts were photographed, bagged, labeled, and reburied in the shovel tests where they were observed.

SITE AGE

***Component:** Pre-contact

***Dates** (*Overall Site Age Approximation*): Pre-contact

***Dating Method:** Lithic artifacts

Phase: N/A

Basis for Phase Designation: N/A

(Only those historic sites that meet the minimum National Register (36CFR60) age threshold (50 years of age or older) will be retained as historic archaeological records and assigned Smithsonian Trinomials by DAHP.)

SITE RECORDERS

Observed by: Kristen A. Fuld, M.A., R.P.A., Sarah Dubois, M.A., Dave Cox, B.A., Marci Monaco, B.S, Lea Loiselle, B.A., Collin Skinner, B.S.

Address: Archaeological Investigations Northwest, Inc., 3510 NE 122nd Avenue, Portland, OR 97230

***Date Recorded:** 3/2/2016

***Recorded by (Professional Archaeologist):** Kristen A. Fuld, M.A., R.P.A.

***Organization:** Archaeological Investigations Northwest, Inc.

***Organization Phone Number:** 503-761-6605; Vancouver 360-696-7473

***Organization Address:** Same as above

***Organization E-mail:** kristen@ainw.com

Date Revisited:

Revisited By:

SITE HISTORY

***Previous Archaeological Work** (*Specify the previous archaeological work done at this location. / If none, please put N/A here.*): N/A

Fuld, Kristen A., and Jo Reese

2016 *Archaeological Survey for the Lacamas Heights Elementary School Project, Camas, Washington.* Archaeological Investigations Northwest, Inc. Report No. 3624. Prepared for Camas School District, Camas, Washington.

LAND OWNERSHIP

***Owner:** Camas School District and the City of Camas

***Address:** 1111 NE 232nd Avenue

***Tax Lot/ Parcel No:** 175724000

RESEARCH REFERENCES

***Items/Documents Used In Research** (*Specify the documents used in research/ If no research was conducted, please put N/A here.*):

USGS MAP

***Quad Name(s):** Lacamas Creek, Washington

***Series:** 7.5-minute

***Date(s):** 1990

SEE ATTACHED

***Legend:** **Known Boundary Symbology:**
 Possible Boundary Symbology:
 Other Symbols (Other Than USGS):

***Scale:**

***North Arrow (Magnetic/True North):**

SKETCH MAP

***Sketch Map Description:**

SEE ATTACHED

***Legend:** **Known Boundary Symbology:**
 Possible Boundary Symbology:
 Other Symbols (Other Than USGS):

***Insert Legend here**

***Scale:**

***North Arrow (Magnetic/True North):**

PHOTOGRAPH(S)

***Photograph Description(s)** *(Include a representative sample of inventoried archaeological material and features, site location overviews, etc):*

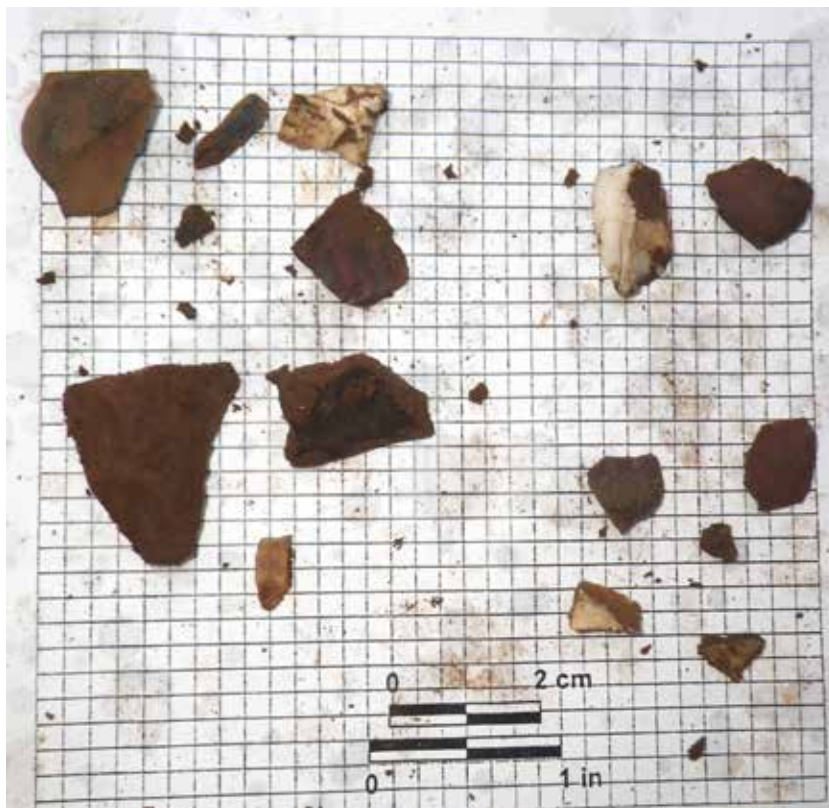


Overview of the eastern half of site 16/2407-2 showing ST-19 in progress. The view is towards the northeast.



Overview of the western half of site 16/2407-2 showing the seasonal stream that flows southwesterly through the site. The view is towards the east.

***Photograph Description(s)** (Include a representative sample of inventoried archaeological material and features, site location overviews, etc):



Some of the debitage from 40 to 80 cm (16 to 32 in) below the surface from shovel test ST-17.



Possible hammerstone found from 35 to 45 cm (14 to 18 in) below the surface in shovel test ST-18.

TABLE 1
RESULTS OF SHOVEL TESTS

SHOVEL TEST NO.	DEPTH OF EXCAVATION (cm)	DEPTH OF CULTURAL MATERIALS (cm)	ARCHAEOLOGICAL MATERIALS				SHOVEL TEST TOTAL
			DEBITAGE	STONE TOOLS	FIRE-CRACKED ROCK	TOTAL	
ST-17	80	0 - 40	27	1		28	44
		40-60	7			7	
		60-70	3			3	
		70-80	6			6	
ST-18	60/85	0-10	1			1	47
		10-20	22		6	28	
		20-35			2	2	
		35-45	7	1		8	
		45-55	3			3	
		55-70	3			3	
		80-85	2			2	
ST-19	60	0 - 10	2		1	3	4
		35-45	1			1	
ST-20	55	0 - 10	1			1	1
ST-33	64	0-15	7			7	24
		15-30	10			10	
		30-40	2			2	
		40-50	2	1		3	
		50-60	1			1	
		60-64	1			1	
<i>TOTAL</i>			<i>108</i>	<i>3</i>	<i>9</i>	<i>120</i>	<i>120</i>

NOTE: Shovel test ST-18 was extended to 85 cm with a 15-cm (6-in) bucket auger. The auger was terminated when impassable cobbles were encountered.

LACAMAS CREEK, WA

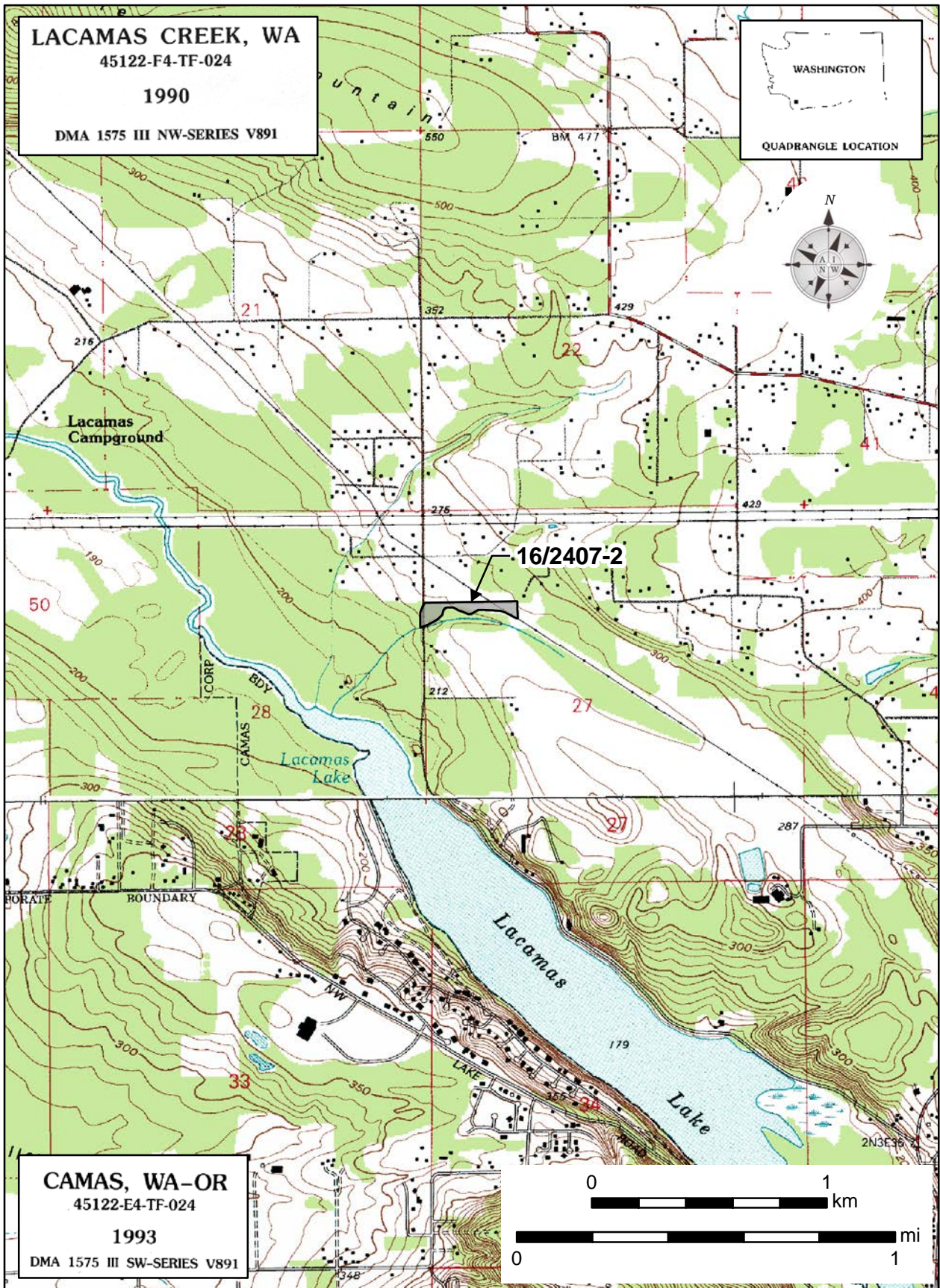
45122-F4-TF-024

1990

DMA 1575 III NW-SERIES V891

WASHINGTON

QUADRANGLE LOCATION



CAMAS, WA-OR

45122-E4-TF-024

1993

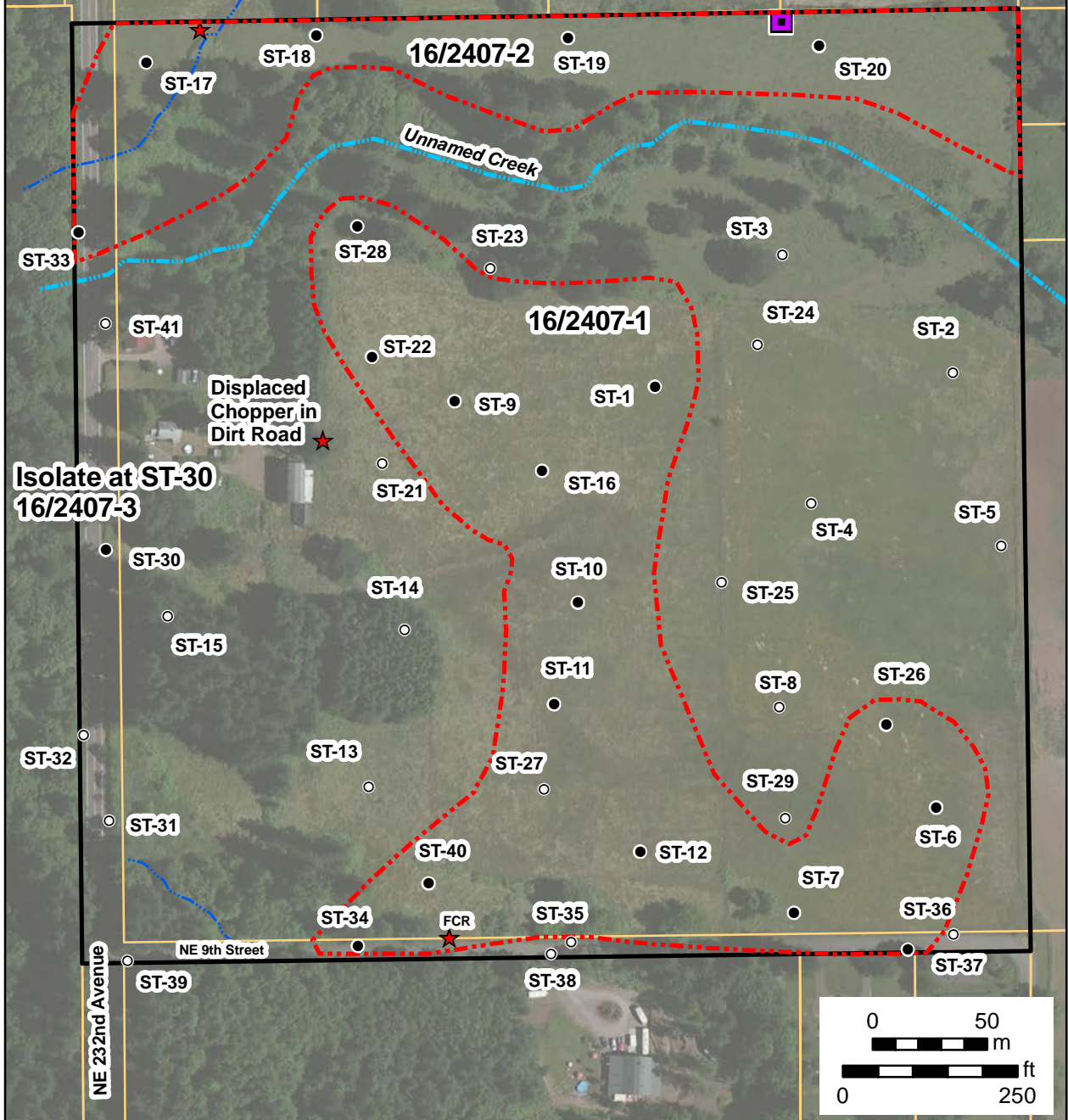
DMA 1575 III SW-SERIES V891

0 1 km

0 1 mi

Legend

- Project Location
- Shovel Test - With Artifacts
- Shovel Test - Without Artifacts
- Surface Prehistoric Artifact
- Archaeological Site Boundary
- Tax Lot
- Tower
- Approximate Creek Channel
- Approximate Stream Channel



Isolate at ST-30
16/2407-3

Displaced
Chopper in
Dirt Road

Unnamed Creek

FCR

