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December 3, 2019

NWIC File No.: 19-0842

Jarred Olsen
Provost & Pritchard
130 N. Garden Street
Visalia, CA 93291-6362

Re: Record search results for the proposed Dunnigan Water District's Annexation for the purposes of Surface Water Delivery, APNs 051-140-035 (#1), 051-140-037 (#2), 052-010-006 (#3), 052-110-001 (#4), 054-020-014 (#4).

Dear Jarred Olsen:

Per your request received by our office on November 14, 2019, a rapid response records search was conducted for the above referenced project by reviewing pertinent Northwest Information Center (NWIC) base maps that reference cultural resources records and reports, historic-period maps, and literature for Yolo County. Please note that use of the term cultural resources includes both archaeological resources and historical buildings and/or structures.

Review of this information indicates that there have been two archaeological resource studies that cover a small portion of two of the proposed project parcels. Study # 25665 (Egherman and Hatoff 2002) covers approximately 5% of the #1 project area (APN 051-140-035). Study # 3001 (True and West 1977) appears to include approximately 10% of #4 project area (APN 052-110-001) within its record search area, although it is unclear if the area was field surveyed. None of the five project area parcels contain any recorded archaeological resources. The State Office of Historic Preservation Historic Property Directory (OHP HPD) (which includes listings of the California Register of Historical Resources, California State Historical Landmarks, California State Points of Historical Interest, and the National Register of Historic Places) lists no recorded buildings or structures within or adjacent to the proposed project area. In addition to these inventories, the NWIC base maps show no recorded buildings or structures within any of the five proposed project parcels.

At the time of Euroamerican contact the Native Americans that lived in the area were speakers of the Patwin language, part of the Southern Wintuan language family (Johnson 1978:350). There are no Native American resources in or adjacent to the proposed project areas referenced in the ethnographic literature (Johnson 1978:350, Kroeber 1932).

Based on an evaluation of the environmental setting and features associated with known sites, Native American resources in this part of Yolo County have been found in areas throughout the valleys and basins, near intermittent and perennial watercourses, in upland areas, and near the hill to valley interface. The Dunnigan Water District's Annexation project area #1 (APN 051-140-035) contains a hill to valley interface and is bisected by an unnamed creek. The Dunnigan Water District's Annexation project area #2 (APN 051-140-037) is located immediately adjacent to a portion of the South Fork of Buckeye Creek. The Dunnigan Water District's Annexation project area #3 (APN 052-010-006) is located in the Dunnigan Hills area and contains a narrow ridge and lands down to a narrow valley containing Dunnigan Creek. The Dunnigan Water District's Annexation project area #4 (APN 052-110-001) contains hill to valley interface lands, broad terraces and is bisected by Bird Creek. The Dunnigan Water District's Annexation project area #5 (APN 054-020-014) is located in the Dunnigan Hills area just west of Oat Creek. The #5 project area contains ridges, drainage canyons, and creeks, and low lying terraces above Oat Creek. Given the similarity of one or more of these environmental factors within each of the proposed project parcels, there is a moderate to high potential for unrecorded Native American resources in the each of these proposed Dunnigan Water District's Annexation project areas.

Review of historical literature and maps indicated the possibility of historic-period activity within two of the Dunnigan Water District's Annexation project areas. The 1853 General Land Office Plat Map for Township 11 North Range 1 West indicated a trail or road thru the northeastern portion of #5 project area (APN 054-020-014). Additionally, the 1907 Dunnigan USGS 15-minute topographic quadrangle depicts a long driveway and one building immediately adjacent to the western boundary of project area #5 (APN 054-020-014). This map also indicates a main road now known as County Road 6, through the northern portion of #3 project area (APN 052-010-06). With this in mind, there is a moderate potential for unrecorded historic-period archaeological resources in the proposed Dunnigan Water District's Annexation project areas #5 and #3.

The 1959 Wildwood School USGS 7.5-minute topographic quadrangle depicts one building within the #1 project area (APN 051-140-035). This unrecorded building meets the Office of Historic Preservation's minimum age standard that buildings, structures, and objects 45 years or older may be of historical value.

The 1959 Wildwood School, the 1953 Dunnigan, and 1953 Zamora USGS 7.5-minute topographic quadrangles fails to depict any buildings or structures within the remaining project areas #2 thru #5 (APNs 051-140-037, 052-010-006, 052-110-001, and 054-020-014); therefore, there is a low possibility of identifying any buildings or structures 45 years or older within these project areas.

RECOMMENDATIONS:

1) There is a moderate to high potential of identifying Native American archaeological resources and a moderate potential of identifying historic-period archaeological resources in the project areas. As per the record search request stating that no ground disturbance is proposed at this time, we recommend no further study for archaeological resources at this time.

If the project changes to include any ground disturbing activities, we recommend a qualified archaeologist conduct further archival and field study to identify cultural resources. Field study may include, but is not limited to, pedestrian survey, hand auger sampling, shovel test units, or geoarchaeological analyses as well as other common methods used to identify the presence of archaeological resources. Please refer to the list of consultants who meet the Secretary of Interior's Standards at <http://www.chrisinfo.org>.

2) We recommend the lead agency contact the local Native American tribe(s) regarding traditional, cultural, and religious heritage values. For a complete listing of tribes in the vicinity of the project, please contact the Native American Heritage Commission at 916/373-3710.

3) The proposed project area # 1 (APN 051-140-035) contains one unrecorded building; therefore, prior to commencement of project activities, it is recommended that this resource be assessed by a professional familiar with the architecture and history of Yolo County. Additionally, if any of the other proposed project areas contain buildings or structures that meet the minimum age requirement, prior to commencement of project activities, it is recommended that this resource be assessed by a professional familiar with the architecture and history of Yolo County. Please refer to the list of consultants who meet the Secretary of Interior's Standards at <http://www.chrisinfo.org>.

4) Review for possible historic-period buildings or structures has included only those sources listed in the attached bibliography and should not be considered comprehensive.

5) If archaeological resources are encountered **during construction**, work should be temporarily halted in the vicinity of the discovered materials and workers should avoid

altering the materials and their context until a qualified professional archaeologist has evaluated the situation and provided appropriate recommendations. Project personnel should not collect cultural resources. Native American resources include chert or obsidian flakes, projectile points, mortars, and pestles; and dark friable soil containing shell and bone dietary debris, heat-affected rock, or human burials. Historic-period resources include stone or adobe foundations or walls; structures and remains with square nails; and refuse deposits or bottle dumps, often located in old wells or privies.

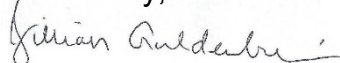
6) It is recommended that any identified cultural resources be recorded on DPR 523 historic resource recordation forms, available online from the Office of Historic Preservation's website: http://ohp.parks.ca.gov/default.asp?page_id=1069

Due to processing delays and other factors, not all of the historical resource reports and resource records that have been submitted to the Office of Historic Preservation are available via this records search. Additional information may be available through the federal, state, and local agencies that produced or paid for historical resource management work in the search area. Additionally, Native American tribes have historical resource information not in the California Historical Resources Information System (CHRIS) Inventory, and you should contact the California Native American Heritage Commission for information on local/regional tribal contacts.

The California Office of Historic Preservation (OHP) contracts with the California Historical Resources Information System's (CHRIS) regional Information Centers (ICs) to maintain information in the CHRIS inventory and make it available to local, state, and federal agencies, cultural resource professionals, Native American tribes, researchers, and the public. Recommendations made by IC coordinators or their staff regarding the interpretation and application of this information are advisory only. Such recommendations do not necessarily represent the evaluation or opinion of the State Historic Preservation Officer in carrying out the OHP's regulatory authority under federal and state law.

Thank you for using our services. Please contact this office if you have any questions, (707) 588-8455.

Sincerely,



Jillian Guldenbrein
Researcher

LITERATURE REVIEWED

In addition to archaeological maps and site records on file at the Northwest Information Center of the Historical Resources Information System, the following literature was reviewed:

Andrews, Wells F.

1972 *Soil Survey of Yolo County, California*. United State Department of Agricultur Soil Conservation Service In Cooperation with University of California Agricultural Experiment Station.

Ashley, P.N.

1900 Official Map of County of Yolo, California

Egherman, R. and B. Hatoff (URS Corporation)

2002 *Roseville Energy Facility, Cultural Resources, Appendix J-1 of Application for Certification*. **NWIC Report S-025665**

Fisher, Ray

1983 Yolo Landmarks Tour. Yolo County Historical Society.

General Land Office

1853, 1872 Survey Plat for Township 12 North/Range 1 West.

1853 Survey Plat for Township 11 North/Range 1 West.

Gudde, Erwin G.

1969 *California Place Names: The Origin and Etymology of Current Geographical Names*. Third Edition. University of California Press, Berkeley and Los Angeles.

Hennings, J.S.

1871 Map of Yolo County, California

Hoover, Mildred Brooke, Hero Eugene Rensch, and Ethel Rensch, revised by William N. Abeloe

1966 *Historic Spots in California*. Third Edition. Stanford University Press, Stanford.

Hoover, Mildred Brooke, Hero Eugene Rensch, and Ethel Rensch, William N. Abeloe, revised by Douglas E. Kyle

1990 *Historic Spots in California*. Fourth Edition. Stanford University Press, Stanford.

Johnson, Patti J.

1978 Patwin. In *California*, edited by Robert F. Heizer, pp. 350-360. Handbook of North American Indians, vol. 8, William C. Sturtevant, general editor. Smithsonian Institution, Washington, D.C.

Kroeber, A.L.

1925 *Handbook of the Indians of California*. Bureau of American Ethnology, Bulletin 78, Smithsonian Institution, Washington, D.C. (Reprint by Dover Publications, Inc., New York, 1976).

1932 *The Patwin and their Neighbors*. University of California Publications in American Archaeology and Ethnology 35(2):15-22. University of California Press, Berkeley. (Reprint by Kraus Reprint Corp., New York, 1965).

Proctor, A.G.

1926 Official Map of Yolo County, California

State of California Department of Parks and Recreation

1976 *California Inventory of Historic Resources*. State of California Department of Parks and Recreation, Sacramento.

State of California Department of Parks and Recreation and Office of Historic Preservation

1988 *Five Views: An Ethnic Sites Survey for California*. State of California Department of Parks and Recreation and Office of Historic Preservation, Sacramento.

State of California Office of Historic Preservation **

2012 *Historic Properties Directory*. Listing by City (through April 2012). State of California Office of Historic Preservation, Sacramento.

True, D. L. and J. Gerald West (University of California, Davis)

1977 *Archaeological Survey of the Proposed Oat Reservoir, Oat Valley, and a Portion of the West Valley Canal, Yolo County, California*. **NWIC Report S-003001**

Williams, James C.

1997 *Energy and the Making of Modern California*. The University of Akron Press, Akron OH.

Woodbridge, Sally B.

1988 *California Architecture: Historic American Buildings Survey*. Chronicle Books, San Francisco.

Works Progress Administration

1984 *The WPA Guide to California*. Reprint by Pantheon Books, New York. (Originally published as *California: A Guide to the Golden State* in 1939 by Books, Inc., distributed by Hastings House Publishers, New York.)

**Note that the Office of Historic Preservation's *Historic Properties Directory* includes National Register, State Registered Landmarks, California Points of Historical Interest, and the California Register of Historical Resources as well as Certified Local Government surveys that have undergone Section 106 review.

Northeast Center of the
California Historical Resources
Information System

BUTTE
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November 18, 2019

Provost & Pritchard Consulting Group
130 N. Garden Street
Visalia, CA 93291
Attn.: Mr. Jarred Olsen

I.C. File # D18-168
Priority Records Search

RE: Orland-Artois Water District Annexation (Project No. 2733-19-001)
T21N, R4W, Section 26 MDBM
USGS Fruto NE 7.5' quad & Fruto (1944) 15' quad maps
612 acres (Glenn County)

Dear Mr. Olsen,

In response to your request, a priority records search for the project cited above was conducted by examining the official maps and records for archaeological sites and surveys in Glenn County.

RESULTS:

Prehistoric Resources: According to our records, no sites of this type have been recorded in the project area or 1-mile project vicinity. The project is located in a boundary region utilized by Konkow Maidu and Nomlaki populations. Unrecorded prehistoric cultural resources may be located within the project area.

Historic Resources: According to our records, no sites of this type have been recorded in the project area or 1-mile project vicinity. Unrecorded historic cultural resources may be located in the project area.

The USGS Fruto (1944) 15' quad map indicates that Wilson Creek, a well, structure, stream, and roads are located within the project area, while the Sacramento Valley, Cherokee School, White Cabin Creek, a transmission line, structures, and roads are located in the general project vicinity. A copy of the historic Walker Creek (1904) quad map depicting Wilson Creek, roads, and a structure within the project area.

Previous Archaeological Investigations: According to our records, portions of the project area have been previously surveyed for cultural resources. The studies are listed below.

Atwell, Ricky, William Hildebrandt, Clayton Lebow, Patricia Mikkelsen, Michael Moratto, Richard Pettigrew, Lester Ross, Randall Schalk, Lynda Sekora, and Lou Ann Speulda (INFOTEC Research, Inc. & Far Western Anthropological Research Group, Inc.)

1995 *Archaeological Investigations PGT-PG&E Pipeline Expansion Project, Idaho, Washington, Oregon, and California - Vol. IV: Synthesis of Findings.*
NEIC Report 001357F

Resources:

Numerous resources

Bowyer, Gary, Lou Ann Speulda, Lynda Sekora, and Lester Ross (INFOTEC Research, Inc. & Far Western Anthropological Research Group, Inc.)

1995 *Archaeological Investigations PGT-PG&E Pipeline Expansion Project, Idaho, Washington, Oregon, and California - Vol. III: Summary Reports: Historic Sites.*

NEIC Report 001357E

Resources:

Numerous resources

Bryson, Robert, Craig Skinner, and Richard Pettigrew (INFOTEC Research, Inc. & Far Western Anthropological Research Group, Inc.)

1995 *Archaeological Investigations PGT-PG&E Pipeline Expansion Project, Idaho, Washington, Oregon, and California - Vol. V: Technical Studies.*
NEIC Report 001357G

Resources:

Numerous resources

Cleland, James H., Michael S. Kelly, and Andrew L. York (Dames & Moore)

1988 *Cultural Resource Evaluation Plan: California-Oregon Transmission Project.*
NEIC Report 008921A

Resources:

Numerous resources

Davy, Douglas M., Humphrey Calicher, and William Shapiro (CH2M Hill)

2007 *Cultural Resources Inventory for the North Area Right-of-Way Maintenance Environmental Assessment CVP and Pacific AC Intertie.*
NEIC Report 013255

Resources:

Numerous resources

2008 *Cultural Resources Inventory for the California-Oregon Transmission Project Right-of-Way Maintenance Environmental Assessment.*

NEIC Report 012267

Resources:

Numerous resources

Hildebrandt, William, Patricia Mikkelsen, Amy Gilreath, Sharon Waechter, John Berg, Paul Bouey, C. Kristina Roper, Randall Milliken, Ricky Atwell, Andrew Bailey, Kelly McGuire, Clayton Lebow, Kurt Katsura, and Jill Onken (INFOTEC Research, Inc. & Far Western Anthropological Research Group, Inc.)

1995 *Archaeological Investigations PGT-PG&E Pipeline Expansion Project, Idaho, Washington, Oregon, and California - Vol. IIC: Summary Reports: Prehistoric Sites California.*

NEIC Report 001357D

Resources:

Numerous resources

Jermann, Jerry V. and James H. Cleland (Dames & Moore)

1989 *Cultural Resources Inventory of the California-Oregon Transmission Project.*

NEIC Report 008921

Resources:

Numerous resources

Lloyd, Jay, Sandra Flint, Barry Price, Randy Baloian, Douglas Harro, Philip Fulton, Terri Fulton, and Dina Coleman (Applied EarthWorks, Inc.)

2003 *Cultural Resources Investigations along Line 401 Capacity Loops 8 and 9, Modoc and Shasta Counties, California.*

NEIC Report 001357H

Resources:

Numerous resources

Moratto, Michael J., Thomas L. Jackson, Richard Pettigrew, Randall F. Schalk, David Chavez, Eric C. Gibson, Claudia B. Hemphill, Christian J. Miss, Barry A. Price, Melinda Romano, C. Kristina Roper, Brian P. Wickstrom, Michael S. Burney, Clayton G. Lebow, Jon Silvermoon, and Michael K. Crist (INFOTEC Research Inc. & BioSystems Analysis Inc.)

1990 *Cultural Resources Assessment Report, PGT-PG&E Pipeline Expansion Project, Idaho, Washington, Oregon, and California; Phase 1: Survey, Inventory, and Preliminary Evaluation of Cultural Resources.*

NEIC Report 001357

Resources:

Numerous resources

Moratto, Michael, Richard Pettigrew, Barry Price, Lester Ross, and Randall Schalk (INFOTEC Research, Inc. & Far Western Anthropological Research Group, Inc.)

1994 *Archaeological Investigations PGT-PG&E Pipeline Expansion Project, Idaho, Washington, Oregon, and California - Vol. I: Project Overview, Research Design and Archaeological Inventory.*

NEIC Report 001357C

Resources:

Numerous resources

Price, Barry, Timothy Canaday, Richard Pettigrew, Robert Bryson, Lou Ann Speulda, Ricky Atwell, and Michael Ostrogorsky (INFOTEC Research, Inc.)

1993 *Archaeological Testing and Evaluation Report 1991 Field Season and Historic Properties Treatment Plan for 1992 Field Season, PGT-PG&E Pipeline Expansion Project, Idaho, Washington, Oregon, and California.*

NEIC Report 001357A

Resources:

Numerous resources

Romano, Melinda, Lou Ann Speulda, Jill Onken, Robert Bryson, Pat Mikkelsen, Judith Willig, Fred Crisson, Lynda Sekora, Paul Bouey, Kurt Katsura, Dennis McDougall, Jessica Van der Feen, Barry Price, Craig Skinner, Nancy Sharp, Karl Benedict, and Nancy Stenholm (INFOTEC Research, Inc.)

1993 *Archaeological Testing and Evaluation Report 1991 Field Season and Historic Properties Treatment Plan for 1992 Field Season, PGT-PG&E Pipeline Expansion Project, Idaho, Washington, Oregon, and California - Vol. IID: Descriptive Reports and Data Compendia California.*

NEIC Report 001357B

Resources:

Numerous resources

Literature Search: The official records and maps for archaeological sites and surveys in Glenn County were reviewed. Also reviewed: **National Register of Historic Places - Listed properties and Determined Eligible Properties** (2012); **California Register of Historical Resources** (2012); **California Points of Historical Interest** (2012); **California Inventory of Historic Resources** (1976); **California Historical Landmarks** (2012); **Directory of Properties in the Historic Property Data File for Glenn County** (2012); **Handbook of North American Indians, Vol. 8, California** (1978); and **Historic Spots in California** (2002).

RECOMMENDATIONS:

Based upon the above information and the local topography, and regional history, the project is located in an area considered to be very sensitive for prehistoric, protohistoric, and historic cultural resources. Konkow Maidu and Nomlaki populations used the local region for seasonal and/or permanent settlement, as well as for the gathering of plants, roots, seeds, domestic materials, and hunting seasonal game. Historically, Euro-Americans utilized the region for farming and transportation opportunities.

Therefore, because the entire project area has not been previously surveyed and because the previous surveys are more than ten years old, we recommend that a professional archaeologist be contacted to conduct a cultural resources review of the project area to assess the need for survey or subsurface investigations. The project archaeologist will be able to offer recommendations for the preservation of or mitigation of effects on any cultural resources encountered as a result of field survey. A list of qualified consultants is available online at www.chrisinfo.org.

The project archaeologist should also contact the appropriate local Native American representatives for information regarding traditional cultural properties that may be located within project boundaries for which we have no records. The Native American Heritage Commission should be contacted at (916) 373-3710 for information regarding Native American representatives in the vicinity of the project.

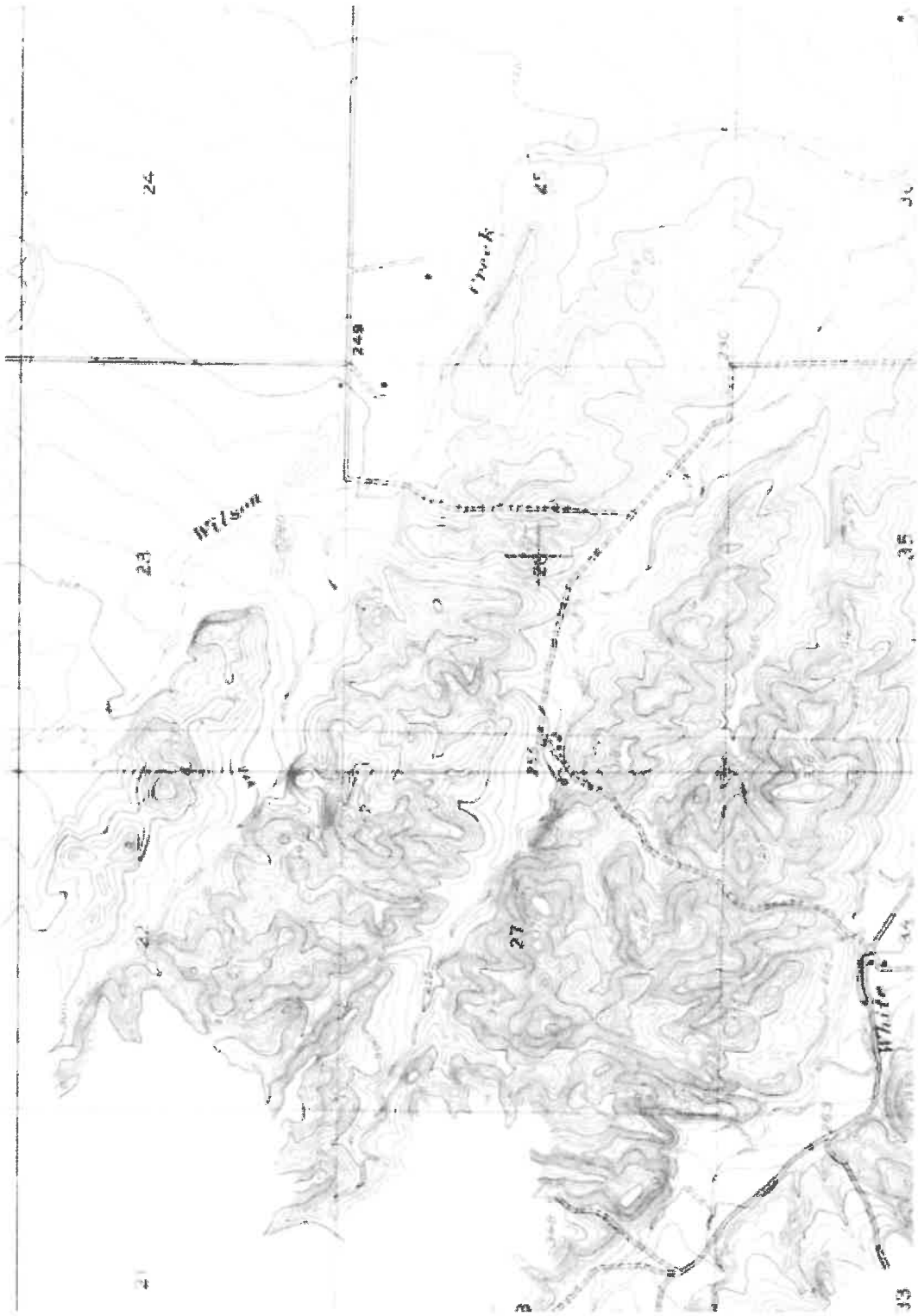
During any phase of parcel development, if any potential prehistoric, protohistoric, and/or historic cultural resources are encountered, all work should cease in the area of the find pending an examination of the site and materials by the project archaeologist. This request to cease work in the area of a potential cultural resource find is intended for accidental discoveries made during construction activities, and is not intended as a substitute for the recommended cultural resources survey.

The fee for this records search is \$225.15 (1 hour of Priority Information Center Time @ \$225.00 per hour, plus 1 copy at \$0.15 per page). An invoice will follow from Chico State Enterprises for billing purposes. Thank you for your concern in preserving Glenn County's and California's cultural heritage, and please feel free to contact us if you have any questions or need any further information or assistance.

Sincerely,



Adrienne Springsteen
Research Associate



Walker Creek (1904)