

United States Department of the Interior
National Park Service

1153

National Register of Historic Places Registration Form

This form is for use in nominating or requesting determinations for individual properties and districts. See instructions in *How to Complete the National Register of Historic Places Registration Form* (National Register Bulletin 16A). Complete each item by marking "x" in the appropriate box or by entering the information requested. If an item does not apply to the property being documented, enter "N/A" for "not applicable." For functions, architectural classification, materials, and areas of significance, enter only categories and subcategories from the instructions. Place additional entries and narrative items on continuation sheets (NPS Form 10-900a). Use a typewriter, word processor, or computer, to complete all items.

1. Name of Property

historic name Logan Wash Ditch

other names/site number N/A

2. Location

street & number Historic Channel of the Logan Wash Ditch
South of Cave Junction, Oregon Not for publication

city or town Cave Junction vicinity
USDI BLM Medford District

state Oregon code OR county Josephine code 033 zip code 97523

3. State/Federal Agency Certification

As the designated authority under the National Historic Preservation Act, as amended, I hereby certify that this nomination request for determination of eligibility meets 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 property meets does not meet the National Register criteria. I recommend that this property be considered significant nationally statewide locally. (See continuation sheet for additional comments.)

John J. Dargatzis 8/14/01
Signature of certifying official/Title Date
Preservation Officer, Bureau of Land Management
State of Federal agency and bureau

In my opinion, the property meets does not meet the National Register criteria. (See continuation sheet for additional comments.)

James H. Smith 12/14/00
Signature of certifying official/Title Date
Deputy SHPO
Oregon State Historic Preservation Office
State or Federal agency and bureau

4. National Park Service Certification

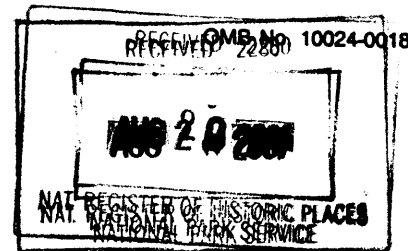
I hereby certify that the property is:

- entered in the National Register. See continuation sheet.
- determined eligible for the National Register See continuation sheet.
- determined not eligible for the National Register.
- removed from the National Register.
- other, (explain:)

JOC
Signature of the Keeper

Entered in the
National Register

Date of Action
10.4.01



United States Department of the Interior
National Park Service

National Register of Historic Places Registration Form

This form is for use in nominating or requesting determinations for individual properties and districts. See instructions in *How to Complete the National Register of Historic Places Registration Form* (National Register Bulletin 16A). Complete each item by marking "x" in the appropriate box or by entering the information requested. If an item does not apply to the property being documented, enter "N/A" for "not applicable." For functions, architectural classification, materials, and areas of significance, enter only categories and subcategories from the instructions. Place additional entries and narrative items on continuation sheets (NPS Form 10-900a). Use a typewriter, word processor, or computer, to complete all items.

1. Name of Property

historic name Logan Wash Ditch

other names/site number N/A

2. Location

street & number Historic Channel of the Logan Wash Ditch
South of Cave Junction, Oregon not for publication
city or town Cave Junction vicinity
state Oregon code OR county Josephine code 033 zip code 97523
USDI BLM Medford District

3. State/Federal Agency Certification

As the designated authority under the National Historic Preservation Act, as amended, I hereby certify that this nomination request for determination of eligibility meets 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 property meets does not meet the National Register criteria. I recommend that this property be considered significant nationally statewide locally. (See continuation sheet for additional comments.)

Signature of certifying official/Title Date

State of Federal agency and bureau

In my opinion, the property meets does not meet the National Register criteria. (See continuation sheet for additional comments.)

Signature of certifying official/Title Date

State or Federal agency and bureau

4. National Park Service Certification

I hereby certify that the property is:

<input type="checkbox"/> entered in the National Register. <input type="checkbox"/> See continuation sheet.	Signature of the Keeper	Date of Action
<input type="checkbox"/> determined eligible for the National Register <input type="checkbox"/> See continuation sheet.	_____	_____
<input type="checkbox"/> determined not eligible for the National Register.	_____	_____
<input type="checkbox"/> removed from the National Register.	_____	_____
<input type="checkbox"/> other, (explain:)	_____	_____

Logan Wash Ditch

Josephine Oregon

Name of Property

County and State

5. Classification

Ownership of Property (Check as many boxes as apply)

Category of Property (Check only one box)

Number of Resources within Property (Do not include previously listed resources in the count.)

- private, public-local, public-State, public-Federal

- building(s), district, site, structure, object

Contributing Noncontributing buildings, sites, structures, objects, Total

Name of related multiple property listing (Enter "N/A" if property is not part of a multiple property listing.)

Number of contributing resources previously listed in the National Register

Mining Resources of the Upper Illinois Valley Oregon 0

6. Function or Use

Historic Functions (Enter categories from instructions) INDUSTRY/PROCESSING/EXTRACTION

Current Functions (Enter categories from instructions) NOT IN USE

7. Description

Architectural Classification (Enter categories from instructions) NO STYLE

Materials (Enter categories from instructions)

foundation, walls, roof, other EARTH

Narrative Description

(Describe the historic and current condition of the property on one or more continuation sheets.)

Please See continuation Pages

Logan Wash Ditch
Name of Property

Josephine Oregon
County and State

8. Statement of Significance

Applicable National Register Criteria

(Mark "x" in one or more boxes for the criteria qualifying the property for National Register listing.)

- A** Property is associated with events that have made a significant contribution to the broad patterns of our history.
- B** Property is associated with the lives of persons significant in our past.
- C** Property embodies the distinctive characteristics of a type, period, or method of construction or represents the work of a master, or possesses high artistic values, or represents a significant and distinguishable entity whose components lack individual distinction.
- D** Property has yielded, or is likely to yield, information important in prehistory or history.

Criteria Considerations

(Mark "x" in all the boxes that apply.)

Property is:

- A** owned by a religious institution or used for religious purposes.
- B** removed from its original location.
- C** a birthplace or grave.
- D** a cemetery.
- E** a reconstructed building, object, or structure.
- F** a commemorative property.
- G** less than 50 years of age or achieved significance within the past 50 years.

Areas of Significance

(Enter categories from instructions)

INDUSTRY

Period of Significance

1900-1942

Significant Dates

N/A

Significant Person

(Complete if Criterion B is marked above)

N/A

Cultural Affiliation

N/A

Architect/Builder

Unknown

Narrative Statement of Significance

(Explain the significance of the property on one or more continuation sheets.)

9. Major Bibliographical References

Bibliography

(Cite the books, articles, and other sources used in preparing this form on one or more continuation sheets.)

Previous documentation on file (NPS):

- preliminary determination of individual listing (36 CFR 67) has been requested
- previously listed in the National Register
- previously determined eligible by the National Register
- designated a National Historic Landmark
- recorded by Historic American Buildings Survey # _____
- recorded by Historic American Engineering Record # _____

Primary location of additional data:

- State Historic Preservation Office
- Other State agency
- Federal agency
- Local government
- University
- Other

Name of repository:

USDI BLM Medford District

Logan Wash Ditch
Name of Property

Josephine Oregon
County and State

10. Geographical Data

Acreage of Property 3.939

UTM References

(Place additional UTM references on a continuation sheet.)

1	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Zone	Easting	Northing
2	<input type="text"/>	<input type="text"/>	<input type="text"/>

3	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Zone	Easting	Northing
4	<input type="text"/>	<input type="text"/>	<input type="text"/>

See continuation sheet

Verbal Boundary Description

(Describe the boundaries of the property on a continuation sheet.)

Boundary Justification

(Explain why the boundaries were selected on a continuation sheet.)

11. Form Prepared By

name/title Katherine C. Atwood (with) Dr. Ward Tonsfeldt
organization (for) USDI Bureau of Land Management date August 20, 2000
street & number 365 Holly Street telephone (541) 482-8714
city or town Ashland state OR zip code 97523

Additional Documentation

Submit the following items with the completed form:

Continuation Sheets

Maps

A USGS map (7.5 or 15 minute series) indicating the property's location.

A Sketch map for historic districts and properties having large acreage or numerous resources.

Photographs

Representative black and white photographs of the property.

Additional Items

(Check with the SHPO or FPO for any additional items)

Property Owner

(Complete this item at the request of SHPO or FPO.)

name Please See Continuation Page
street & number _____ telephone _____
city or town _____ state _____ zip code _____

Paperwork Reduction Act Statement: This information is being collected for applications to the National Register of Historic Places to nominate properties for listing or determine eligibility for listing, to list properties, and to amend existing listings. Response to this request is required to obtain a benefit in accordance with the National Historic Preservation Act, as amended (16 U.S.C. 470 et seq.).

Estimated Burden Statement: Public reporting burden for this form is estimated to average 18.1 hours per response including time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding this burden estimate or any aspect of this form to the Chief, Administrative Services Division, National Park Service, P.O. Box 37127, Washington, DC 20013-7127; and the Office of Management and Budget, Paperwork Reductions Projects (1024-0018), Washington, DC 20503.

United States Department of the Interior
National Park Service

National Register of Historic Places Continuation Sheet

Mining Resources of the Upper Illinois Valley

Logan Wash Ditch

Section Number: 7 Page: 1

Summary Description

This nomination includes 0.3 miles of the 0.7 mile-long Logan Wash Ditch. The ditch was constructed shortly after 1900 in conjunction with James Logan's operation of the Llano de Oro mines between 1907 and 1917 and subsequently with those of George Esterly (and lessees) between 1917 and 1942. The Logan Wash Ditch enables the observer to clearly understand the technology employed in varying periods to extract gold. The Logan Wash Ditch retains integrity of location, design, setting, workmanship and feeling, and accurately conveys the historic associations for which it is significant.

Location and Setting

Located in the southwest quarter of Section 23, Township 40 South Range 8 West (W.M.) (Josephine County Assessors Plat 40-8-23 Tax Lot 400) the Logan Wash Ditch is situated along the upper edge of the uppermost river terrace on the east bank of the East Fork Illinois River. The ditch is accessible from BLM Road 40-8-15 approximately seven-tenths of a mile from that road's intersection with BLM Road 40-8-15. The ditch lies at an elevation ranging between 1,520 and 1,550 feet above sea level on sandy, clay loam soils. The East Fork Illinois River provided water for the Logan Wash Ditch to serve the hydraulic mining operations in the Esterly hydraulic pits in French Flat. The intake for the ditch is located on private lands in Section 26, Township 40 South, Range 8 West. The Logan Wash Ditch is in a mixed conifer/oak woodland vegetation zone with an onsite plant community characterized by Douglas fir, pine, oak, madrone, and poison oak (Budy 2000:35HS11-221).

Site Description

Used to provide water under pressure to wash away tailings accumulated in the large pits on French Flat, the Logan Wash Ditch enters public lands in the southerly environs of Section 23, Township 40 South, Range 8 West. The ditch follows the West Fork, Illinois River northward along the edge of the upper river terrace for a distance of one thousand feet before taking an abrupt turn to the west. In the section of ditch that parallels the river, the ditch channel is from four to five feet deep and five to eight feet wide. Including the berm, the width of the ditch overall is about ten to fifteen feet. As it

United States Department of the Interior
National Park Service

National Register of Historic Places
Continuation Sheet

Mining Resources of the Upper Illinois Valley
Logan Wash Ditch

Section Number: 7 Page: 2

turns to the west and skirts a low knoll, the ditch is deeply incised to a depth of from fifteen to twenty feet and is from thirty-five to forty feet wide.

Integrity

On Bureau of Land Management lands, the Logan Wash Ditch is well preserved, although some natural erosion and re-vegetation of the channel has occurred. The ditch retains integrity of location, setting, design, and feeling and conveys the associations with placer mining activities throughout the Waldo vicinity. The ditch enables the observer's to understand the water manipulation technology that significantly affected development in the Upper Illinois Valley.

United States Department of the Interior
National Park Service

National Register of Historic Places Continuation Sheet

Mining Resources of the Upper Illinois Valley

Logan Wash Ditch

Section Number: 8 Page: 1

Significance

One of six properties included in this nomination associated with the Logan/Esterly operations in the Waldo vicinity, the Logan Wash Ditch, constructed shortly after 1900 and used until about 1940, is locally significant for its association with mining technology in the Upper Illinois Valley, Waldo vicinity. Submitted as part of a multiple property submission, "Mining Resources of the Upper Illinois Valley, Oregon," the Logan Wash Ditch represents its associated historic context, "Gold Placer Mining and Development of the Waldo Vicinity, 1851-1942." The Logan Wash Ditch meets the registration requirements outlined in the registration document. The ditch represents water manipulation in the industrial hydraulic mining period that occurred after 1900 and retains integrity of location, setting, design and feeling. The resource evokes direct historic associations with mining in the Upper Illinois Valley. The Logan Wash Ditch is eligible to the National Register of Historic Places under Criterion A.

History

In 1883, George Simmons acquired extensive mining property on the former Samuel Scott Donation Land Claim. He also acquired ownership of an intermittent waterway known as Carroll (Carron) Gulch from the Carron estate. Simmons sold a half-interest in the property to Frank Ennis and Theodoric Cameron. Mining records show that Frank Ennis established the placer location on February 26, 1883 (Josephine County Mining Records 4:368). In 1887, Theodoric Cameron located additional mining ground (Josephine County Mining Records 5:135). Holding 900 acres, the firm was known as Ennis, Simmons and Co. (Josephine County Deeds 3:300; *Rogue River Courier* July 30, 1886; Chapman Publishing Company 1904:229). In 1886, the local newspaper noted:

This company is making an open cut from the river at the outlet of the gulch above the old Fisher ranch which extends up the drain of the Caro gulch about half a mile from the Illinois river. Most has been completed...the plan of opening being the same as that adopted in Butcher Gulch, the cut being about seventy feet deep, and when completed to the old Caro mine, will be about three and

United States Department of the Interior
National Park Service

National Register of Historic Places
Continuation Sheet

Mining Resources of the Upper Illinois Valley
Logan Wash Ditch

Section Number: 8 Page: 2

a half miles long. *Rogue River Courier* July 30, 1886 in
Street:1973: 30).

James T. Logan, mine superintendent for the Simmons-Cameron operations, developed the Logan Wash Ditch about 1905 and initiated the use of hydraulic elevators to lift gravels from pits that were more than fifteen below the ground surface in French Flat. Logan, who married Ella Simmons, daughter of George and Jane Simmons, assumed management of operations in 1901 (Josephine County Marriage Records; Chapman Publishing Company 1904: 986; *Grants Pass Daily Courier* December 31, 1927, 1:6; *Grants Pass Bulletin* January 29, 1937,1:6; Josephine County Mining Records, 4:457.

In March 1902 James Logan acquired the Cameron share of the mining property known as the 'Simmons and Cameron claims.' The transfer included improvements described as the Upper Ditch, the Upper race, the Lower Main Pipe Ditch and the main sluice ditch (Josephine County Mining Records 4:476). Beginning about 1907, Logan focused much of his mining efforts on four pits in the French Flat area. While ample water was available during the mining season, Logan operated hydraulic giants in the pits, as well as two hydraulic elevators and one giant for stacking tailings (Shenon 1933:187). The Logan/Esterly Upper and Middle Upper Ditches provided water for these operations. At this time, Logan constructed the Logan Wash Ditch and expanded the large cut that had been developed by Simmons and Cameron.

In 1916 geologists noted that the Logan Simmons and Cameron mine, "commonly known as the Logan Placer," was under option to George Esterly of Seattle. Geologists described the property at that time:

Several long ditches carry water from the higher portions of the east and west forks of the Illinois River to the placer ground. ... A hydraulic elevator was used to remove material from the pit, which had a maximum depth of about 15 feet.. There are three ditches, the water from one being used in the elevator under a head of 325 feet, that from another being employed in 2 giants, and that from the third being used to clear away the tailings from the end of the sluice at the head of the elevator (Parks and Swartley 1916:143)

United States Department of the Interior
National Park Service

National Register of Historic Places
Continuation Sheet

Mining Resources of the Upper Illinois Valley
Logan Wash Ditch

Section Number: 8 Page: 3

On June 26, 1917 George and Marilla Esterly with James Logan located a placer claim, and on August 16, 1917 James Logan sold his mining operation to the Waldo Corporation. This newly-formed organization had \$100,000 in capital stock and an office in Seattle. George M. Esterly was the company's general manager (Josephine County Deed Records 28:276; Josephine County Mining Records 23:233-234).

George Esterly was born June 15, 1868 in Wisconsin. Described in the Portland Oregonian as "one of the best-known mining men in the west," Esterly was a mechanical and mining engineer who had developed extensive Alaskan mining interests. He and his wife, Marilla Esterly invested personal funds in a sizeable tract, constructed a large dwelling on the property and, gave the name Llano de Oro or Plain of Gold to their extensive mine. With their purchase the mines and the ditch increasingly became known under the Esterly name. The Esterlys replaced or extensively modified the Logan home near the Waldo road and installed a significant amount of up-to-date mining equipment on the property. Esterly would live out his life at Waldo where he died on December 2, 1931 (*Portland Oregonian* December 4, 1931, 19:5-6).

In December 1920, the Waldo Corporation sold mining property, buildings, barns and equipment, not owned personally by the Esterly family, to Victor H. Elfsendahl and Thad Sweek of Seattle (Josephine County Deeds 52:360). In June 1923, these buyers sold the property to G.W. Hales of Cook County Illinois (Josephine County Deed Records 62:512). In the 1930s, G.W. Hales leased out the mining property to others who worked the property until July 1942 (Hill 1979: 78). The Logan Wash Ditch remained in use by these lessees and other until 1942.

**United States Department of the Interior
National Park Service**

**National Register of Historic Places
Continuation Sheet**

Mining Resources of the Upper Illinois Valley
Logan Wash Ditch

Section Number: 9 **Page:** 1

Bibliography

Budy, Elizabeth E.

1999 *Logan Wash Ditch* Cultural Site Record 35HS11-221 (for USDI-
BLM Medford District)

Chapman Publishing Company

1904 *Portrait and Biographical Record of Western Oregon*, Chapman
Publishing Company Portland, Oregon.

Hill, Edna May

1976 *Josephine County Historical Highlights I*. Josephine County Library
System and Josephine County Historical Society, Grants Pass, Oregon.

Parks, H.M. and A.M. Swartley

1916 *Handbook of the Mining Industry of Oregon*. Oregon Bureau of Mines and
Geology, Mineral Resources of Oregon, Volume 2, No. 4.

Shenon, Philip J.

1933c *Geology and Ore Deposits of the Takilma-Waldo District, Oregon,
Including the Blue Creek District*. U.S. Geological Survey Bulletin 846-B
Government Printing Office, Washington D.C.

United States Department of the Interior
National Park Service

National Register of Historic Places
Continuation Sheet

Mining Resources of the Upper Illinois Valley
Logan Wash Ditch

Section Number: 10 Page: 1

A map showing locations of the twenty resources included in this Multiple Property Submission is contained with the cover document. A photocopied section of USGS map indicating the location of the Logan Wash Ditch is contained within the nomination document.

Verbal Boundary Description

The Logan Wash Ditch is located on public lands in the southwest quarter of Section 23, Township 40 South Range 8 West, W.M. Josephine County Oregon. This property is identified on USGS map Takilma quadrangle (7.5 minute series). The property is further described as follows:

The nominated portion of the Logan Wash Ditch (0.3 miles), is a single segment beginning at the point where the ditch crosses the southern boundary of Tax Lot 400, (Lot 7) in the SW $\frac{1}{4}$ of Section 23, T. 40 S., R. 8. W. (W.M.) The ditch continues north and west to the point where it leaves public land at the western boundary of Tax Lot 400, (Lot 6) also in the SW $\frac{1}{4}$ of Section 23, T. 40 S., R. 8 W. (W.M.)

The portions of the Logan Wash Ditch thus described constitutes the center line of a linear site. The side boundaries of this linear site are lines of convenience parallel to the ditch extending 50 feet on each side of the ditch. The resulting site is 100 feet wide, following the contours of the ditch. The Logan Wash Ditch contains 3.939 acres.

Verbal Boundary Justification

The nominated area encompasses segments of the Logan Wash Ditch associated with historic mining activity that are located on lands administered by the Bureau of Land Management.

**United States Department of the Interior
National Park Service**

**National Register of Historic Places
Continuation Sheet**

Mining Resources of the Upper Illinois Valley
Logan Wash Ditch

Section Number: 10 **Page:** 2

UTM References

Zone	Location	Easting	Northing
10	1 (n end)	448622.03438	4657459.98529
	2 (s. end)	448854.23520	4657220.95504

United States Department of the Interior
National Park Service

**National Register of Historic Places
Continuation Sheet**

Mining Resources of the Upper Illinois Valley
Logan Wash Ditch

Section Number: Page:
 Photographs 1

Photographs

Photograph No. 1

- 1) Logan Wash Ditch
- 2) SW ¼, Section 23, T. 40 S. R. 8 W., (W.M.) in Josephine County, Oregon
- 3) Photographer: Elizabeth Budy
- 4) Date of Photograph: November 1999
- 5) Negative holder: Bureau of Land Management, Medford District
3040 Biddle Road
Medford, Oregon 97504
- 6) View: Logan Wash Ditch, looking east
- 7) Photograph number 1 of 1

**United States Department of the Interior
National Park Service**

National Register of Historic Places Continuation Sheet

Mining Resources of the Upper Illinois Valley

Logan Wash Ditch

Section Number: 11 **Page:** 1

Property Owner Notification

Bureau of Land Management
Ron Wenker, District Manager
Grants Pass Resource Area Manager
Ann Ramage, Archaeologist
Medford Field Office
3040 Biddle Road
Medford OR 97504

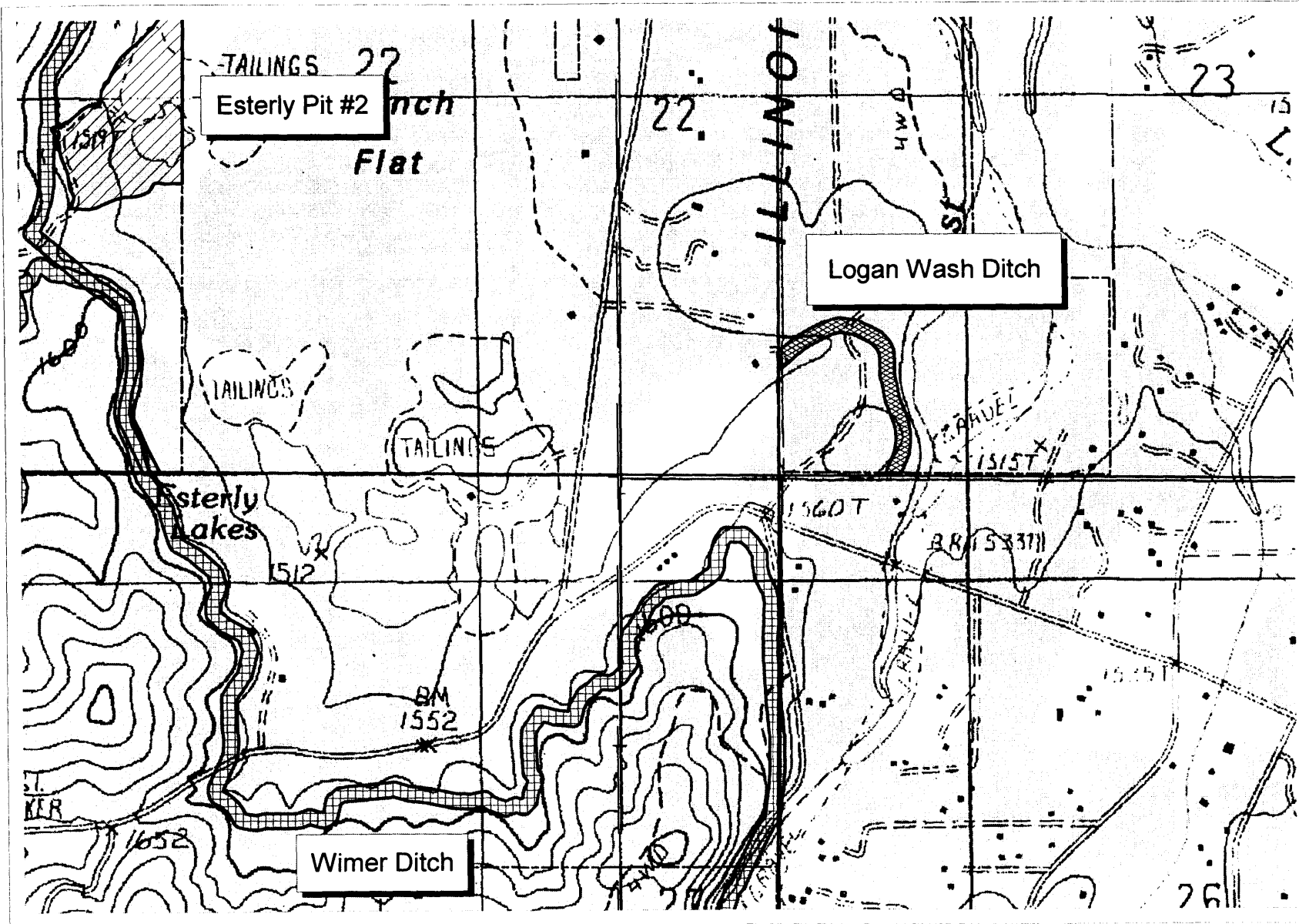
Oregon-Washington State Office
Bureau of Land Management
Elaine Zielinski, Director
Richard Hanes, Cultural Resource Lead
PO Box 2965
Portland OR 97208-2965

Federal Preservation Officer Certification

Mr. John G. Douglas, Preservation Officer
Bureau of Land Management (240)
204-LS
18th and C Streets, NW
Washington, DC 20240

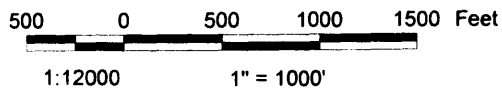
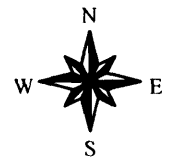
Logan Wash Ditch

Logan Wash Ditch
 35HS11-221
 A portion of the
 O'Brien Quad
 (Sec 23
 T40S, R8W, wm)
 showing
 Historic Placer
 Mining Resources
 in the Waldo Vicinity.



- Ditches**
- Logan Cut
 - Logan Wash Ditch
 - Logan/Esterly Drain
 - Middle Ditch
 - Osgood Ditch
 - Upper Ditch
 - Wimer Ditch

- General Symbology**
- Ditches
 - Mines
 - Town, cemetery
 - BLM boundary
 - Section Lines



Map created August 2000 by Ralph Delamarter
 Features based on site investigations by W Tonsfeldt, E Budy and others
 Base images: digital raster graphs (DRG) and digital orthoquads (DOQ)(1995)
 of O'Brien, Takilma and Broken Rib quads (scale 1:24000).

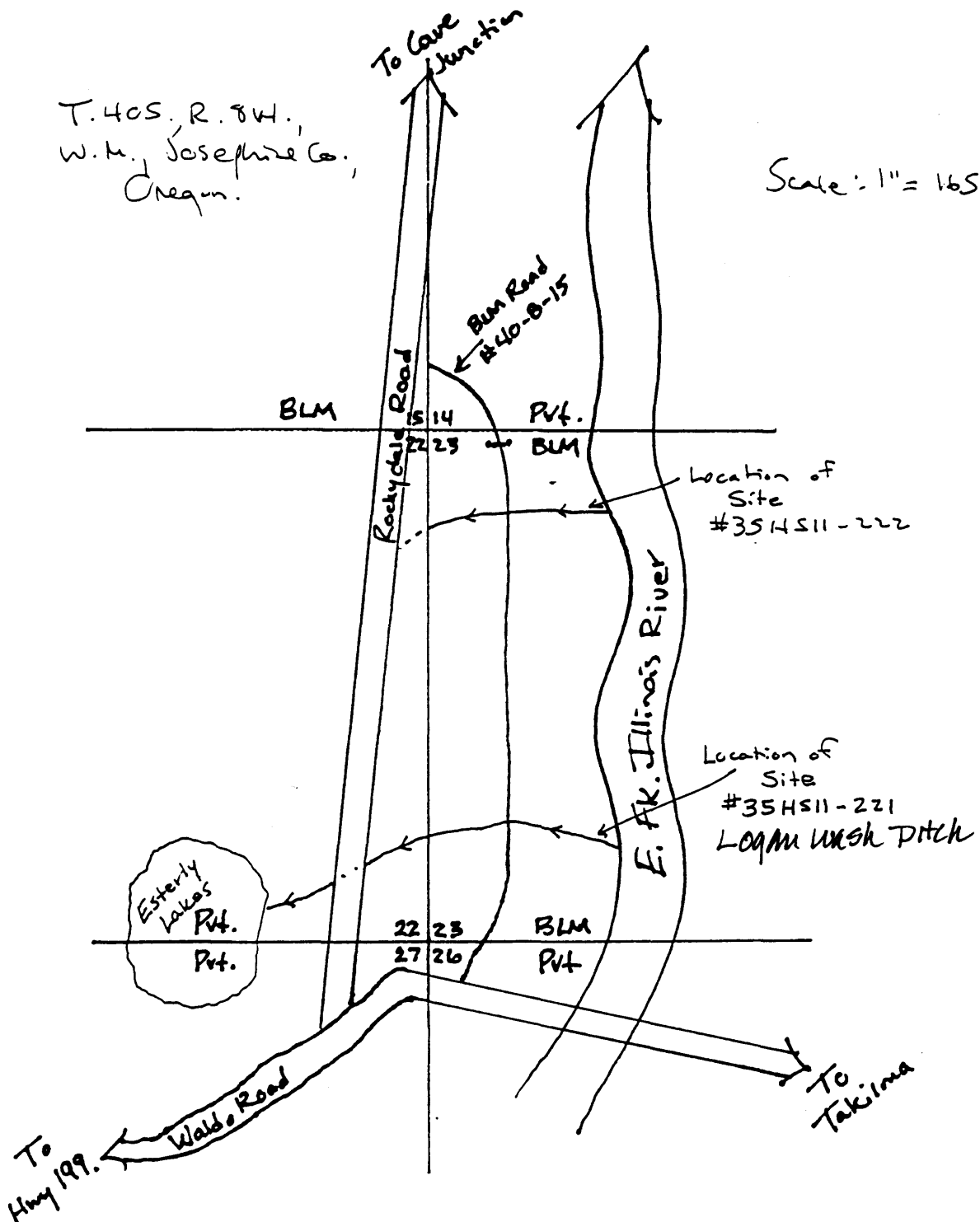
Logan Wash Ditch

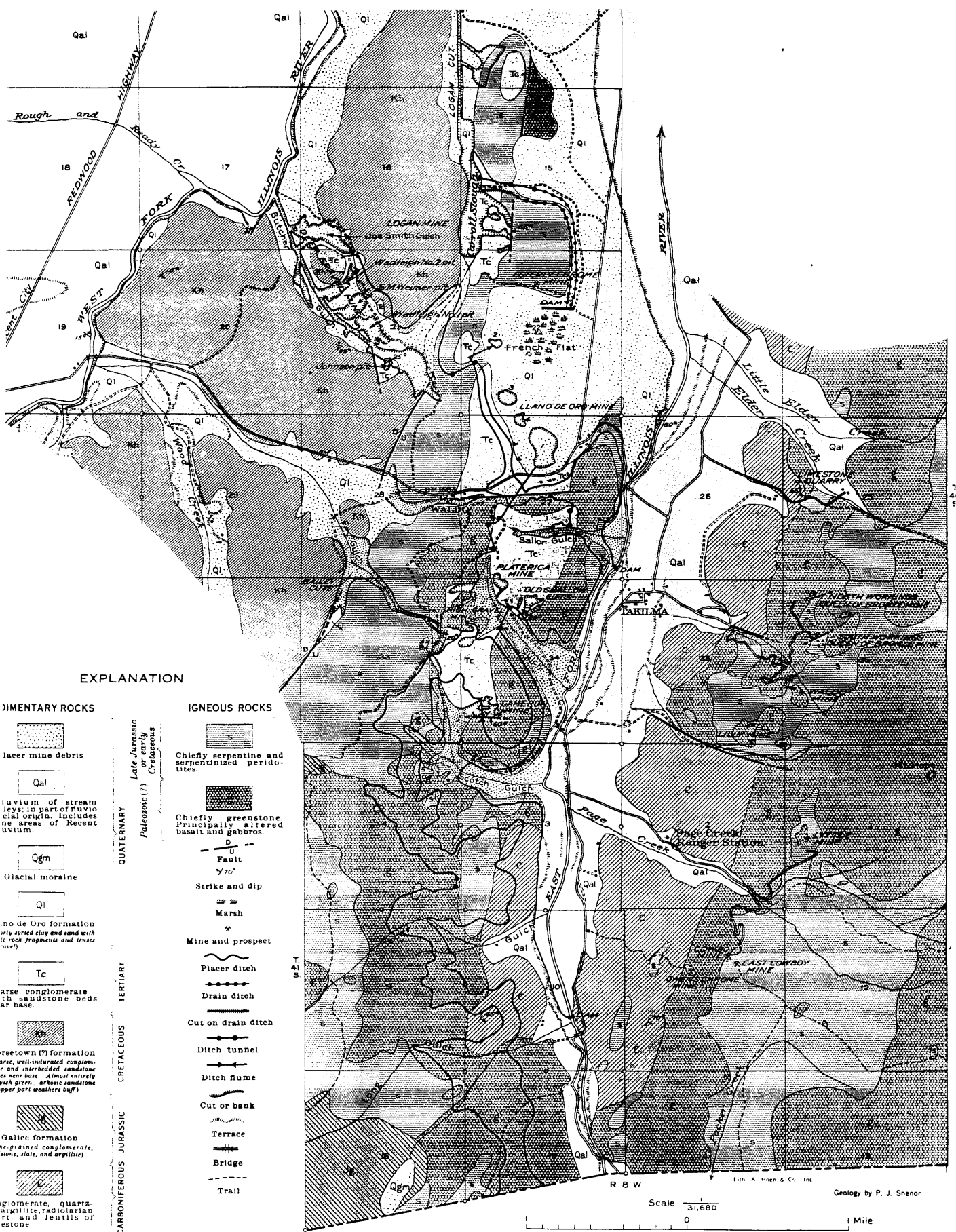
Site Sketch Map

Site No: 35HS11-221

T. 40S, R. 8W,
W.M., Josephine Co.,
Oregon.

Scale: 1" = 1650'





EXPLANATION

SEDIMENTARY ROCKS

- Lacer mine debris
- Alluvium of stream beds, in part of fluvio glacial origin. Includes some areas of Recent alluvium.
- Glacial moraine
- Lland Oro formation (very sorted clay and sand with rock fragments and lenses well sorted)
- Tertiary conglomerate in sandstone beds at base.
- Westtown (?) formation (are, well-sorted conglomerate and interbedded sandstone at near base. Almost entirely yellow green, argillaceous sandstone upper part weathers buff)
- Galice formation (is green conglomerate, slate, shale, and argillite)
- Carboniferous (conglomerate, quartzite, radiolarian, etc. and lentils of limestone)

QUATERNARY
TERTIARY
CRETACEOUS
JURASSIC
CARBONIFEROUS

IGNEOUS ROCKS

- Chiefly serpentine and serpentinized peridotites.
- Chiefly greenstone. Principally altered basalt and gabbros.
- Fault
- Strike and dip
- Marsh
- Mine and prospect
- Placer ditch
- Drain ditch
- Cut on drain ditch
- Ditch tunnel
- Ditch flume
- Cut or bank
- Terrace
- Bridge
- Trail

R. B. W. Lith. A. Hagen & Co., Inc. Geology by P. J. Shenon
Scale 1/31,680
0 1 Mile

GEOLOGIC MAP OF THE TAKILMA-WALDO DISTRICT, JOSEPHINE COUNTY, OREGON