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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.

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nistoric name	Cameron Mi	ne							
ther names/site	e numberN	/A			. <u>.</u>				
Location									
sity or town	Approx. 2 Waldo F Cave Junc Oregon	tion _ code	USD	I BLM	Medfor	d Dist	rict	_ 🗶 via	cinity
3. State/Federa	al Agency Certifi	cation							
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United States Department of the Interior National Park Service

National Register of Historic Places Registration Form

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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 Pro	operty	
historic name _	Cameron Mine	
other names/site	te numberN/A	
2. Location		,1
street & numbe city or town state	Cave Junction USDI BLM Medford District	y
3. State/Feder	ral Agency Certification	
Historic Plac	for determination of eligibility meets the documentation standards for registering properties in the National Register ces and meets the procedural and professional requirements set forth in 36 CFR Part 60. In my opinion, the prop does not meet the National Register criteria. I recommend that this property be considered significant by statewide locally. (See continuation sheet for additional comments.)	
Signature of	f certifying official/Title Date	
State of Fed	deral agency and bureau	
In my opinic comments.)	on, the property I meets I does not meet the National Register criteria. (I See continuation sheet for additio	nal
Signature of	of certifying official/Title Date	
State or Fee	ideral agency and bureau	
4. National Pa	ark Service Certification	
	at the property is: Signature of the Keeper the National Register.	Date of Action
determine National	ed eligible for the al Register See continuation sheet.	
determine National	ed not eligible for the	
	from the National	

Cameron Mine		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 cou	nt.)	
 private public-local public-State public-Federal 	 □ building(s) □ district ⊠ site □ structure □ object 	Contributing Noncontributing	. building . sites . structur . objects . Total	
Name of related multiple pro (Enter "N/A" if property is not part of ining Resources of		Number of contributing resources previo in the National Register	usly list	
	Oreg			
6. Function or Use	····			
Historic Functions (Enter categories from instructions) INDUSTRY/PROCESSI	NGEXTRACTION	Current Functions (Enter categories from instructions) VACANT/NOT IN USE		
7. Description				
Architectural Classification (Enter categories from instructions) NO STYLE		Materials (Enter categories from instructions) foundation walls		
		roof		

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

Please See Continuation Sheets

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.

Narrative Statement of Significance

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

9. Major Bibliographical References

Bibilography

(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 # ______

Josephine Oregon County and State

(Enter categories from instructions)

Areas of Significance

INDUSTRY

Period of Significance

1901-1927

Significant Dates 1924-1927

Significant Person (Complete if Criterion B is marked above)

N/A

Cultural Affiliation

Architect/Builder

N/A

Primary location of additional data:

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

Name of repository:

USDI BLM Medford District

Cameron Mine	Josephine Oregon County and State	
10. Geographical Data		
Acreage of Property18.029		
UTM References (Place additional UTM references on a continuation sheet.)		
1 1 Zone Easting 2 1	3 Zone Easting Northing 4 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)		
organization (for) USDI Bureau of Land Mar	agement August 16, 2000	
street & number 365 Holly Street		
city or town	OR 97520	
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.)	
Please See Continuation S	heet
name	
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 Cameron Mine Section Number: ⁷ Page: ¹

Summary Description

The Cameron Mine in the Waldo vicinity contains several interrelated features associated with intensive hydraulic gold mining operations between 1924 and 1927, during the industrial era of hydraulic mining in the Upper Illinois Valley. At this site, miners excavated a pit with hydraulic giants that resulted in bowl-shaped amphitheater in the hill slope. Hydraulic pipe remnants lying in the mine's center reveal the mine's relationship to the Osgood Ditch. The Cameron Mine is an excellent representative of the technologies employed during a specific time period and meets the registration requirements for its type as outlined in the registration document. The mine displays distinct earthworks that enable us to understand the gold extraction process. The Cameron Mine retains a large hydraulic cut and several tailings piles that convey mining technology.

Location and Setting

The Cameron Mine is located on federally managed land in the southwest quarter of Section 34, Township 40 south, Range 8 West, W.M. (Josephine County Assessor's Plat 40-8-34, Tax Lot 700) approximately eight miles south of Cave Junction, Oregon. The site, encompassing 18.029 acres, is accessible by an unpaved road that leads from the Waldo Lookout Road to the mine site.

On the upper part of a steep ridge slope on the east side of Scotch Gulch, the Cameron Mine lies at an elevation ranging between 1,860 and 2,000 feet above sea level. The gold-bearing formation at the site is derived from Tertiary conglomerate (Shenon 1933: Plate 11). The mine is located in a mixed conifer/ oak woodland with an onsite plant community composed of Douglas fir, ponderosa pine, cedar, poison oak, riparian shrubs and forbs. Water for the mine was drawn from the Osgood Ditch that took water from the East Fork Illinois River. The ditch intake was located about 9.5 miles south of the mine (Budy 199935HS11-403).

Site Description

The Cameron Mine is a prominent bowl-shaped hydraulic cut that can be seen for long distances. The mine's gold bearing formation is located well above the original Upper

United States Department of the Interior National Park Service

National Register of Historic Places Continuation Sheet

Mining Resources of the Upper Illinois Valley Cameron Mine Section Number: ⁷ Page: ²

and Middle ditches that served the placers in Scotch Gulch. Below the Upper Ditch, some tailings and headcuts appear to date from the 1880s hydraulic mining area; however, the drainage features deriving from activities at the Cameron Mine dominate the gulch that served as the tailrace for the mine (Budy 1999: 35HS11-403).

Unlike stream deposits in the gulch bottoms that could be worked using low water pressure and primitive sluicing methods, access to the Cameron gold formation required intensive hydraulic methods. This necessitated building a new ditch above the mine that could be tapped to generate high pressure for hydraulicking. As a result, between 1924 and 1927, miners concentrated their efforts at the mine location (Budy 1999: 35HS11-403).

The Cameron Mine contains a large **mining pit** (A) that measures four hundred to five hundred feet in width (Shenon 1933). The mine faces are steep and continue to erode, although vegetation encroaches on the faces. Two **tailings piles** (B) located in the southerly part of the pit, elongated in shape and over one hundred feet in length, remain from the mid 1920s workings (Kelly 1999). Associated with these tailing piles are two 12" diameter hydraulic pipes that measure about nine feet and eleven feet in length. Two pieces of ore cart tracks lie near the largest tailings pile. Ruins of milled lumber and deserted habitation sites are distributed over the site (Kelly 1999).

Integrity

The Cameron Mine retains integrity of location, setting, plan, workmanship, and feeling. Most of the mined area has only sparsely re-vegetated while the surrounding slopes and the bottom of Scotch Gulch have well-developed second growth forests. The large abandoned hydraulic cut gives testimony to the extensive mining activity that occurred here. The site conveys strong associations between the Cameron Mine and the observer's ability to understand the hydraulic mining 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 Cameron Mine Section Number: 8 Page: 1

Significance

Developed in its current configuration between 1924 and 1927, the Cameron Mine is locally significant for its association with mining in the Upper Illinois Valley, Waldo vicinity. Submitted as part of a multiple property submission, "Mining Resources of the Upper Illinois Valley, Oregon," the Cameron Mine represents its associated historic context, "Gold Placer Mining and Development of the Waldo Vicinity, 1851-1942." The mine meets the registration requirements outlined in the registration document for mines developed during the industrial hydraulic period. The Cameron Mine was developed in the historic period and retains its integrity of location, setting, design and feeling and evoke direct historic associations with mining in the Upper Illinois Valley. The Cameron Mine is eligible to the National Register of Historic Places under Criterion A as an important, tangible representative of historic mining activities in the Waldo vicinity of the Upper Illinois Valley.

History

F.H. Osgood of Seattle, Washington, who was also developed the High Gravel Mine, provided capital for hydraulic development of the Cameron Mine and built the Osgood Ditch about 1901 that furnished the mine's water. Although the Cameron Mine was worked to some extent before 1909, the mine's main period of operation occurred between 1924 and 1927 (Shenon 1933:184). Although several different lessees worked the mine during this period, C. D. Cameron of Waldo was the primary operator.

Charles Donald Cameron, born in Jackson County on February 10, 1893, was the son of prominent southern Oregon resident Theodoric Cameron who settled in Jackson County in 1852. Theodoric Cameron, along with George Simmons, developed the Simmons-Cameron Mine in the Waldo vicinity, an operation that preceded development of the Esterly Mines. Young C.D. Cameron attended Polytechnic College in Oakland, California. Following his father's death in June1914, he returned to Waldo to look after his interests in the Simmons-Cameron Mine. He married Olga Valen in 1916 and divided his time between farming and mining. After operating the Cameron Mine between 1924 and 1927, Cameron went to work for the U.S. Forest Service where he had a long career. In 1957-1960, like his father, C.D. Cameron served in the Oregon State Senate. He died on December 13, 1982 (Josephine County Historical Society 1988: 16).

United States Department of the Interior National Park Service

National Register of Historic Places Continuation Sheet

Mining Resources of the Upper Illinois Valley Cameron Mine Section Number: 8 Page: 2

In 1933 C.J. Shenon described the Cameron Mine:

It is owned by F.H. Osgood of Seattle, Wash. but has been worked principally by lessees, chiefly J.T. Logan, C.D. Cameron ...[and others]. A pit roughly 400 by 500 feet has been excavated by hydraulic giants. Water for the operation of the giants is supplied by the Osgood ditch, which takes water form the East Fork of the Illinois River...Most of the mining was done during the period 1924-1927 although some gold was produced prior to 1909. The total production is estimated at about \$9,000-\$1500 before 1909 and \$7,500 during the period 1924-1927 (Shenon 1933: 184).

United States Department of the Interior National Park Service

National Register of Historic Places Continuation Sheet

Mining Resources of the Upper Illinois Valley Cameron Mine Section Number: ⁹ Page: ¹

Bibliography

Budy, Elizabeth E.

1999 *Cameron Mine* Cultural Site Record 35HS11-403 (for USDI-BLM Medford District)

Josephine County Historical Society 1988 History of Josephine County, Grants Pass, Oregon

Kelly, Chris

1999d Site Record for 35HS11-403, Cameron Mine. On File Bureau of Land Management, Medford District.

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 Cameron Mine 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 the USGS map indicating the location of the Cameron Mine is contained within the nomination document.

Boundary Description

The Cameron Mine is located in the southwest quarter of Section 34, Township 40 South, Range 8 West, W.M., in Josephine County Oregon. The property is identified on USGS map O'Brien quadrangle, 7.5 minute series, included with this nomination. The property is further described as follows:

For purposes of this nomination, the central datum of the Cameron Mine is the point of intersection between the Cameron Mine Trail and the unnamed road leading into the mine in the SW ¼ of the SW ¼ of Section 34, T. 40 S. R. 8 W. (W.M). The UTM address for the datum is easting 447, 220, northing 4,654, 356, Zone 10. The property may be further described as a circular parcel extending from this datum point on a radius of 500 feet, enclosing an area of 18.029 acres.

Boundary Justification

The boundary encompasses the earthwork features that comprise the primary locus of historic mining activity on the Cameron Mine contained on lands administered by the USDI Bureau of Land Management. This area has historically been part of the Cameron Mine operation where mining constituted the major human activity.

United States Department of the Interior National Park Service

National Register of Historic Places Continuation Sheet

Mining Resources of the Upper Illinois Valley Cameron Mine Section Number: 10 Page: 2

UTM References

Zone	Location	Easting	Northing
10	1 (center)	447235.57851	4654350.98768

United States Department of the Interior National Park Service

National Register of Historic Places Continuation Sheet

Mining Resources of the Upper Illinois Valley Cameron Mine Section Number: Page:

Photographs 1

Photographs

Photograph No.1

- 1) Cameron Mine
- 2) SW ¹/₄ S. 34, T. 40 S. R. 8W., W.M. in Josephine County, Oregon
- 3) Photographer: Elizabeth Budy
- 4) Date of Photograph: July 1999
- 5) Negative holder: Bureau of Land Management, Medford District 3040 Biddle Road Medford Oregon 97504
- 6) View: Overview Cameron Mine from Waldo Lookout road, looking east
- 7) Photograph number: 1 of 4

Photograph No.2

- 1) Cameron Mine
- 2) SW ¹/₄ S. 34, T. 40 S. R. 8W., 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: Cameron Mine, hydraulic cutface, looking southeast
- 7) Photograph number: 2 of 4

Photograph No. 3

- 1) Cameron Mine
- 2) SW ¹/₄ S. 34, T. 40 S. R. 8W., W.M. in Josephine County, Oregon
- 3) Photographer: Elizabeth Budy
- 4) Date of Photograph: July 1999
- 5) Negative holder: Bureau of Land Management, Medford District 3040 Biddle Road Medford, Oregon 97504
- 6) View: Cameron Mine, tailings below hydraulic cut, looking north
- 7) Photograph number: 3 of 4

United States Department of the Interior National Park Service

National Register of Historic Places Continuation Sheet

Mining Resources of the Upper Illinois Valley Cameron Mine Section Number: PhotPage: 2

Photograph No. 4

1) Cameron Mine

2) SW ¹/₄ S. 34, T. 40 S. R. 8W., W.M. in Josephine County, Oregon

3) Photographer: Elizabeth Budy

4) Date of Photograph: July 1999

5) Negative holder: Bureau of Land Management, Medford District 3040 Biddle Road Medford, Oregon 97504

6) View: Cameron Mine, mine center below hydraulic cut, looking northeast

7) Photograph number: 4 of 4

United States Department of the Interior National Park Service

National Register of Historic Places Continuation Sheet

Mining Resources of the Upper Illinois Valley Cameron Mine Section Number: 11 Page: 1

Property Owner Notification

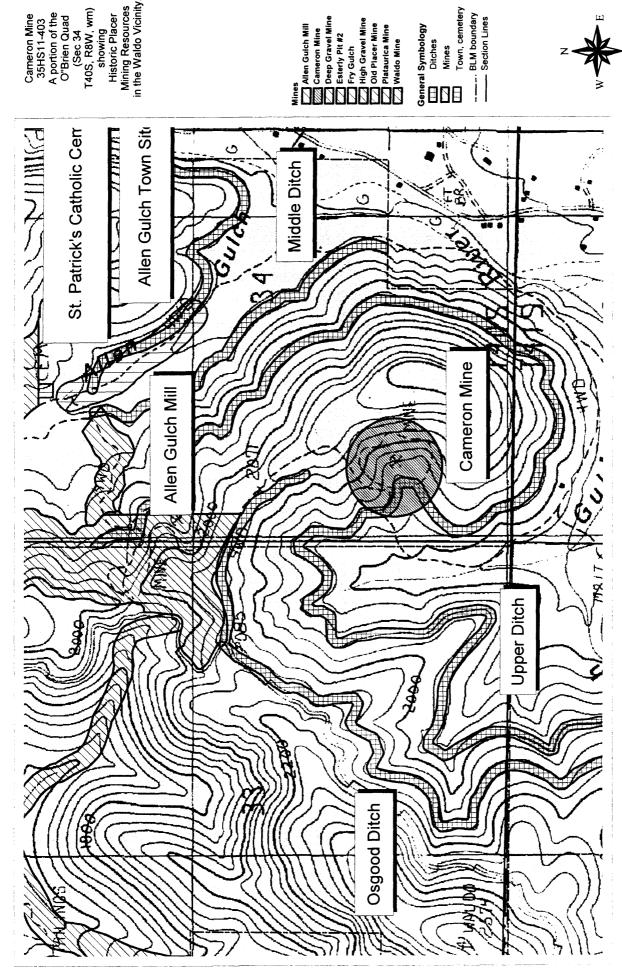
Bureau of Land Management Ron Wenker, District Manager Grants Pass Resource Area Manager Ann Ramage, Archaeologist Medford Field Office 3040 Biddle Road Medford OR 97504

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

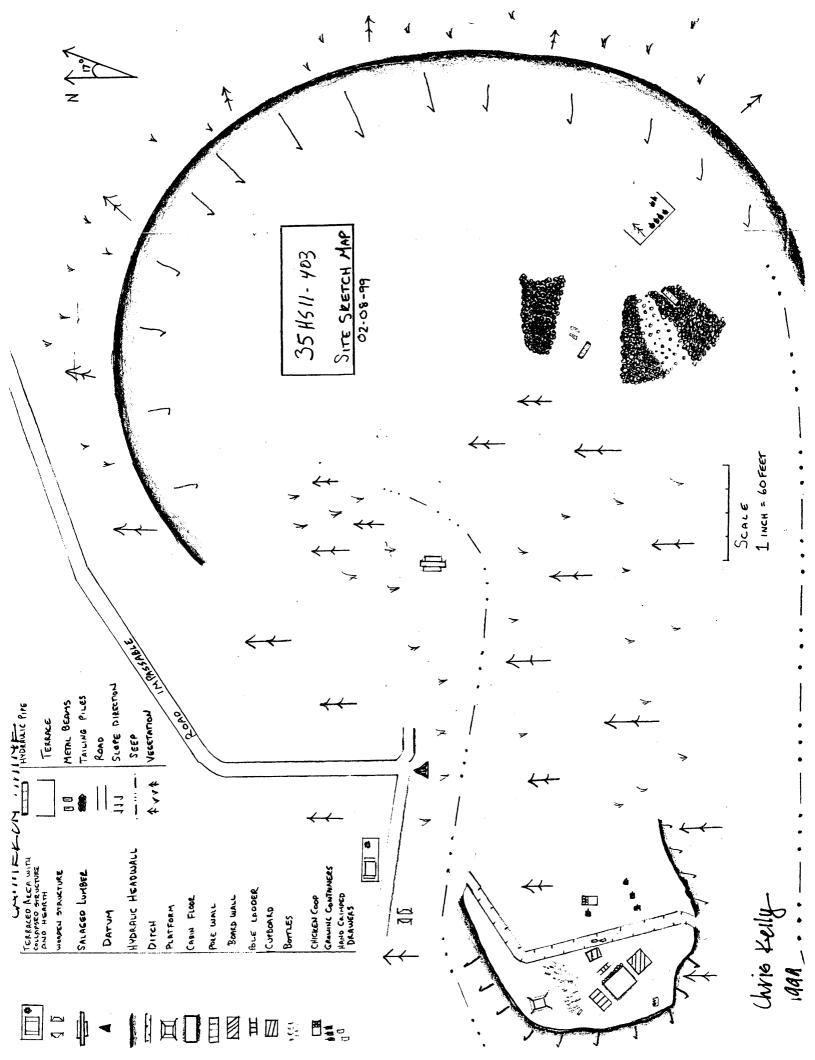
Mr. John G. Douglas, Preservation Officer Bureau of Land Management (240) 204-LS 18th and C Streets, NW Washington, DC 20240

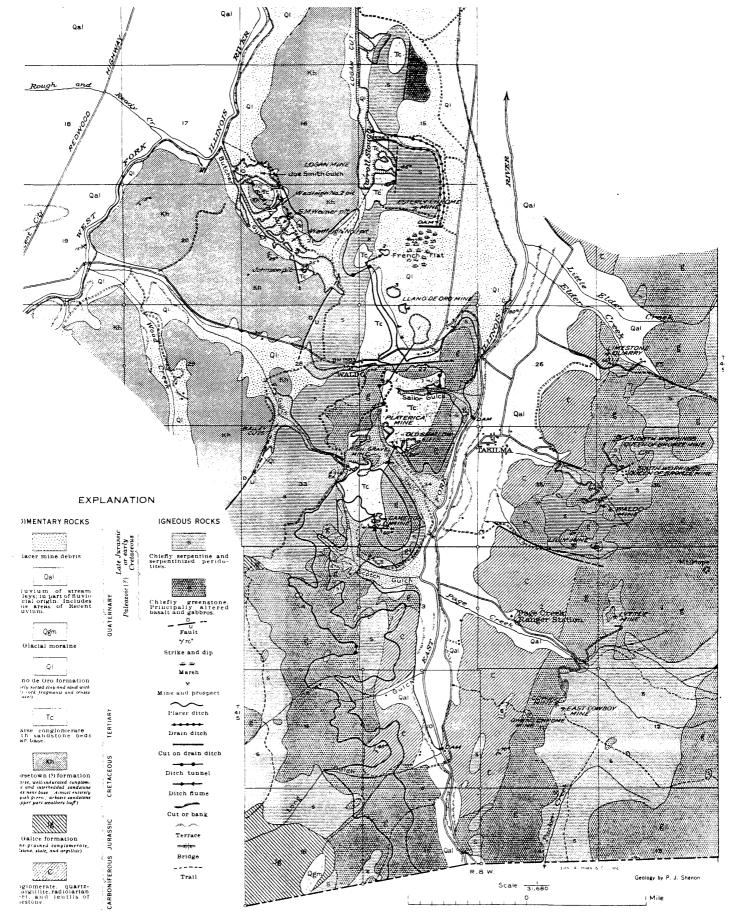




Map created August 2000 by Ralph Delamarter Features based on site investigations by W Tonsfeldt, E Budy and others Base images: digital raster graphs (DRG) and digital orthoquads (DOQ)(1995) of OBrien, Takilma and Broken Rib quads (scale 1:24000).







GEOLOGIC MAP OF THE TAKILMA-WALDO DISTRICT, JOSEPHINE COUNTY, OREGON 1983