

United States Department of the Interior
National Park Service

National Register of Historic Places
Registration Form

1142

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 High Gravel Mine

other names/site number N/A

2. Location

street & number Approximately 1.3 miles south of the intersection of Waldo Road and Waldo Lookout Road not for publication

city or town Cave Junction (USDI BLM Medford District) vicinity

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 G. Dunagan 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.)

Jana Hamrick 12/10/00
Signature of certifying official/Title Date

Deputy SHPO Oregon State Historic Preservation Office
State or Federal agency and bureau

4. National Park Service Certification

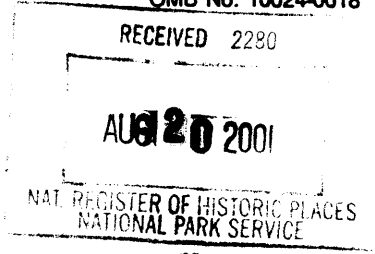
I hereby certify that the property is:

- 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:)

Signature of the Keeper
Entered in the National Register

Date of Action

10-4-01



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- other, (explain:) _____

High Gravel 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 count.)

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

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

Table with 2 columns: Contributing, Noncontributing. Rows for 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)

VACANT/NOT IN USE

7. Description

Architectural Classification

(Enter categories from instructions)

NO/STYLE

Materials

(Enter categories from instructions)

foundation, walls, roof, other EARTH; STONE

Narrative Description

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

Please See Continuation Sheets

Name of Property

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.

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

Areas of Significance

(Enter categories from instructions)

INDUSTRY

Period of Significance

1900-1940

Significant Dates

N/A

Significant Person

(Complete if Criterion B is marked above)

N/A

Cultural Affiliation

N/A

Architect/Builder

N/A

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 Office

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Mining Resources of the Upper Illinois Valley
High Gravel Mine

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Site Description

The High Gravel Mine preserves distinct earthworks from the industrial hydraulic mining period in the Waldo vicinity. These include large hydraulic headwalls or outfaces, tailings piles, a reservoir and ditch segment. Hydraulic pipe and some structural remains exist on the mine site. The huge scarp embankment of steep hydraulic **headcuts (A)** containing remnants of the cemented bench gravels extends along the west, north and easterly aspects of the ridge. Features associated with the mining operation include a water storage **reservoir (B)**, approximately twenty feet by eighty-five feet, that lies toward the northerly end of the mine. The reservoir allowed water to accumulate for an increased force from above. The mine could be thus be worked from below using pressure from hydraulic monitors (or giants) while the water created a cascading torrent to weaken soil from above (Budy 1999 35HS11-402).

A section of mining **ditch (C)** approximately six feet in width and one hundred feet in length leads from the reservoir to a hydraulically mined area on the property. A mined area, (D) approximately twenty feet by twenty feet in size lies at the south terminus of the ditch. Piles of **tailings (E)**, several hundred feet in length, are visible at several locations to the north below the high scarp embankment. At various locations on the site, remnants of hydraulic pipe, board structures and domestic artifacts record the intense mining activities that occurred here (Kelly 1999:35HS11-402; Budy 1999: 35HS11-402).

Integrity

The High Gravel Mine encompasses within its boundary important features related to the industrial period of hydraulic development between 1900 and the late 1930s. Significant earthworks, key aspects of the mining system, are highly visible and retain their original appearance and location and appear to have been spared any significant disturbance. The setting of the historic High Gravel Mine remains intact and free from modern intrusions. The abandoned ravine and tailings piles on the High Gravel Mine clearly reflect intense mining activity that significantly affected development in the Upper Illinois Valley.

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Mining Resources of the Upper Illinois Valley
High Gravel Mine

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Significance

The High Gravel Mine, developed substantially between 1900 and 1940, is locally significant for its association with mining during the industrial hydraulic period in the Upper Illinois Valley, Waldo vicinity. As part of a multiple property submission, "Mining Resources of the Upper Illinois Valley, Oregon," the High Gravel Mine represents its associated historic context, "Gold Placer Mining and Development of the Waldo Vicinity, 1851-1942." The High Gravel Mine meets the registration requirements outlined in the registration document and retains integrity of location, setting, design and feeling to evoke direct historic associations with the mining technology of the Upper Illinois Valley. The High Gravel Mine is eligible to the National Register under Criterion A as an important representative of historic mining activities in the Waldo vicinity.

History

William Bybee first located a placer claim in Section 34 on Allen Gulch in August 1880 (Josephine County Mining Records 4:134; 149). The firmly cemented deposits high on the ridge above the gulch, however limited his initial efforts at the property. In 1886, he was at work there, "Wm. Bybee of Jackson County has a hydraulic claim on the ridge between Scott's gulch, Allen and Fry gulches" (*Rogue River Courier* July 30, 1886).

In October 1900, F.H. Osgood of Seattle, Washington acquired the Bybee property (Josephine County Mining Records 13:508). In 1901, Osgood formed the Willis and Osgood Mining Company of Seattle and the placer mine took that Osgood name (Josephine County Mining Records, 4:247; 6:257; 14:191). In 1903 the company claimed one-half interest in the former Allen Gulch Mine (Josephine County Mining Records 5:229). In 1901 the local newspaper reported:

... The new hydraulic mine in course of development by F.H. Osgood, Seattle, is well nigh completed. This mine is located in Allen Gulch near the Illinois... It is expected to become a prominent placer-gold produce (*Rogue River Courier* October 31, 1901 quoted in Street and Street 1973:31).

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High Gravel Mine

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In 1904 a mining publication noted:

On Allen Gulch one mile southeast of Waldo, the W. and O. (Willis and Osgood) Company of Seattle are operating quite an extensive mine. The property includes 700 acres, or clear to the mouth of the creek (*Mineral Wealth* 1904: 40).

In 1910, the High Gravel Mine, as the Allen Gulch Mine was now known, was purchased by the Waldo Consolidated Gold Mining Company of Oregon, a New York-based company (*Waldo Consolidated Gold Mining Co. of Oregon* 1910). Within a few years, however, the company defaulted on its payments and the mining property returned to Osgood's ownership. Shortly afterward, Osgood leased the mining property to James T. Logan and C.D. Cameron of Waldo. In 1914, J.S. Diller noted that the three most important placer mines in the Waldo area at that time were the "High Gravel, or Allen Gulch Mine, the Deep Gravel Mine, and the Logan, Simmons and Cameron Mine" (Diller 1914:118). In March 1917 the *Portland Oregonian* reported that the Osgood Mining property (or the High Gravel Mine) was under option to an unnamed New York organization:

Under the direction of Mining Engineer Meade, who recently came here from San Francisco, a comprehensive prospecting of the Osgood placer mining ground has begun. The Osgood property, which adjoins the Logan placer mine in the Waldo district, consists of 640 acres. It has been operated under lease during the past few years by James Logan and is equipped with hydraulic pipes and sluice boxes, three giants being in operation.

A tractor drill was taken out from Grants Pass last week and every acre of the placer ground will be thoroughly prospected. On the report made by engineer Meade as to the showing of the gold-bearing gravel will depend the sale of the mine, which is under option to New York parties. The price on the property is \$90,000. The Osgood mine lies between the East and West Forks of the Illinois River and takes its water from the east Fork. It has been a

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High Gravel Mine

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noted producer of placer gold for a number of years (*Portland Oregonian* March 26, 1917, 2:4).

In 1930, F.H. Osgood still retained ownership of the High Gravel Mine. The mine was worked intermittently during the 1930s and in its latest operation by the Plataurica Mining Company, gravels from the mine may have been processed at the Allen Gulch Mill. In 1933 Shenon wrote:

The mine includes several pits covering an area of approximately 150,000 square yards. Water is taken from the East Fork some distance south of the Oregon boundary and is brought to the cuts through the Osgood Ditch. Tailings removed by run-off. The mine has been worked at various times by W.J. Logan, C.D. Cameron, an English syndicate and others (Shenon 1933: 183).

Concerning production, Shenon stated:

Logan and Cameron leased the property during the period 1912-1917 and in the first three years took out \$13,700 and in the last two years \$2,000. Mr. Cameron estimated the total production of all the cuts of the High Gravel Mine, excluding the old workings along the bottoms of Allen and Scotch Gulches, at about \$90,000 (Shenon 1933:183).

Using Shenon as a source, Brooks and Ramp estimates the average gold content in the Osgood pits at about three cents a cubic yard at a price of about \$20 per ounce (Shenon 1933:183; Brooks and Ramp 1969:242). Ramp and Peterson estimate gold production at the High Gravel mine up to 1917 at 6500 ounces (Ramp and Peterson 1979: Table I).

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Mining Resources of the Upper Illinois Valley
High Gravel Mine

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Bibliography

Budy, Elizabeth E.

1999 High Gravel Mine Cultural Site Record 35HS11-402 (for USDI-BLM Medford District)

Budy, Elizabeth E.

2000 *Esterly Lakes Cultural Resource Survey: Human Landscapes in the Historic Waldo, Takilma, and Blue Creek Mining Districts* (Project #99-53) (Prepared for (USDI-BLM Medford District).

Diller, J.S.

1914 *Mineral Resources of Southwestern Oregon. U.S. Geological Survey Bulletin 546*, U.S. Government Printing Office, Washington D.C.

Kelly, Chris

1999c Site Record for 35HS402 High Gravel Mine. On File Bureau of land Management, Medford District

Mineral Wealth

1904 Southern Oregon Edition of Mineral Wealth. Volume VI, Number 10 [Published in Redding, California].

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.

Waldo Consolidated Gold Mining Company

1910 *Waldo Consolidated Gold Mining Co.* [Prospectus] New York, New York.

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Mining Resources of the Upper Illinois Valley
High Gravel 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 depicting the location of the High Gravel Mine is contained within the nomination document.

Boundary Description

The High Gravel Mine is located in the southwest quarter of Section 27, the southeast quarter of Section 28, the northeast and northwest quarters of Section 33, and the northwest 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.

Beginning in the SW $\frac{1}{4}$ of Section 27, T. 40 S. R. 8 W. (W.M.) at the junction of the 1800' contour line and the Allen Gulch road, proceed south along the 1800' contour line to the junction of the 1800' contour line and the Allen Gulch/Deep Gravel Mine Road in the NW $\frac{1}{4}$ of Section 34, T.40 S. Range 8W., (W.M.) At this point, extend a line of convenience at 180 degrees to the Cameron Mine Road in the SW $\frac{1}{4}$ of Section 34 T. 40 S. R. 8W., (W.M.) Continue west on the Cameron Mine Road to its intersection with the Waldo Hill Road in the NE $\frac{1}{4}$ of section 33, T. 40 S. R. 8 W. Continue north along the Waldo Hill Road to its intersection with the Allen Gulch/Deep Gravel Mine road in the NE $\frac{1}{4}$ of Section 33, T. 40 S. R. 8 W., (W.M.) Then continue north on a road that runs from the Deep Gravel Mine to the Allen Gulch Road. At the point where that road descends below the 200' contour line in the SE $\frac{1}{4}$ of section 28, T. 40 S. R. 8W., (W.M.) extend a line of convenience 090 degrees to the point of origin at the intersection of the Allen Gulch Road and the 1800' contour line. The nominated area contains 65.482 acres.

Boundary Justification

The nominated area encompasses the major earthwork features that comprise the primary locus of historical mining activity on the High Gravel Mine during the period of significance.

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High Gravel Mine

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UTM References

Zone	Location	Easting	Northing
10	1	446988.40831	4655848.76530
	2	447213.44387	4655848.76530
	3	447076.94689	4654849.01718
	4	446671.14507	4654893.28647

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High Gravel Mine

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Photographs (cont.)

2

- 4) Date of Photograph: June 2000
- 5) Negative holder: Bureau of Land Management, Medford District
3040 Biddle Road
Medford, Oregon 97504
- 6) View: High Gravel Mine looking southwest
- 7) Photograph Number 3 of 4

Photograph No. 4

- 1) High Gravel Mine
- 2) SW $\frac{1}{4}$ of S. 27; SE $\frac{1}{4}$ of S.28; $\frac{1}{4}$ of Section 33; $\frac{1}{4}$ of S. 34, T. 40 S., R. 8W.,(W.M.) in Josephine County, Oregon
- 3) Photographer: Unknown
- 4) Date of Photograph: c. 1905
- 5) Negative holder: Kerbyville Museum
24195 Redwood Highway
Kerby, Oregon 97531
- 6) View: High Gravel Mine (the investors inspect the mine)
- 7) Photograph Number 4 of 4

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High Gravel Mine

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Property Owner Notification

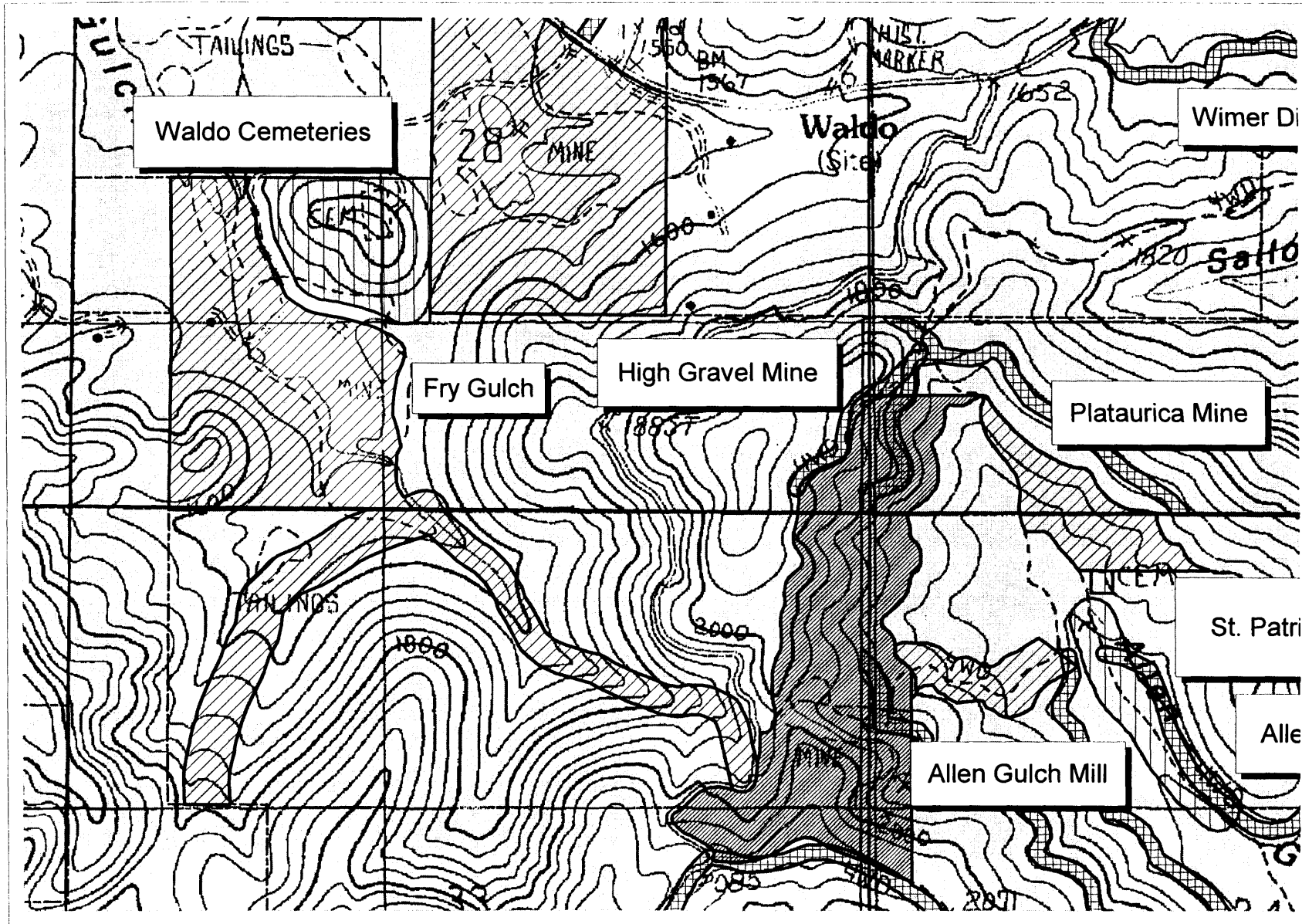
Bureau of Land Management
Ron Wenker, District Manager
Grants Pass Resource Area Manager
Ann Ramage, Archaeologist
Medford Field Office
3040 Biddle Road
Medford OR 97504

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

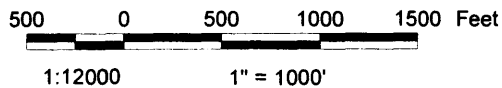
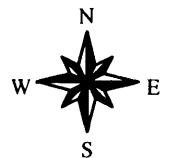
High Gravel Mine



High Gravel Mine
 35HS11-402
 A portion of the
 O'Brien Quad
 (Sec 27, 28, 33, 34
 T40S, R8W, wm)
 showing
 Historic Placer
 Mining Resources
 in the Waldo Vicinity.

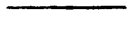

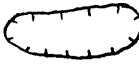





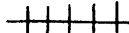









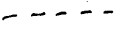
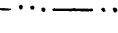


- Mines**
- Allen Gulch Mill
 - Cameron Mine
 - Deep Gravel Mine
 - Esterly Pit #2
 - Fry Gulch
 - High Gravel Mine
 - Old Placer Mine
 - Plataurica Mine
 - Waldo Mine

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

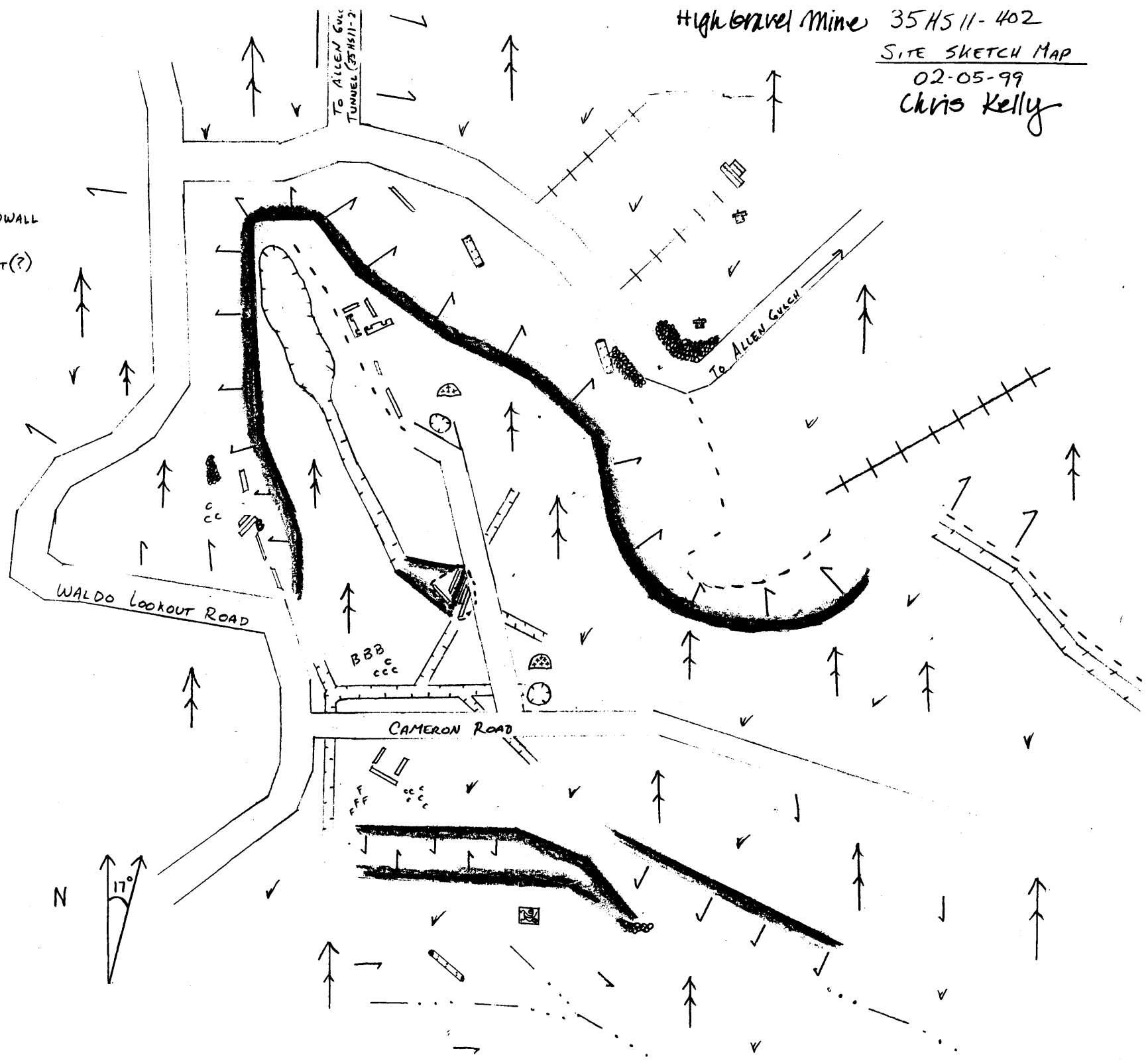


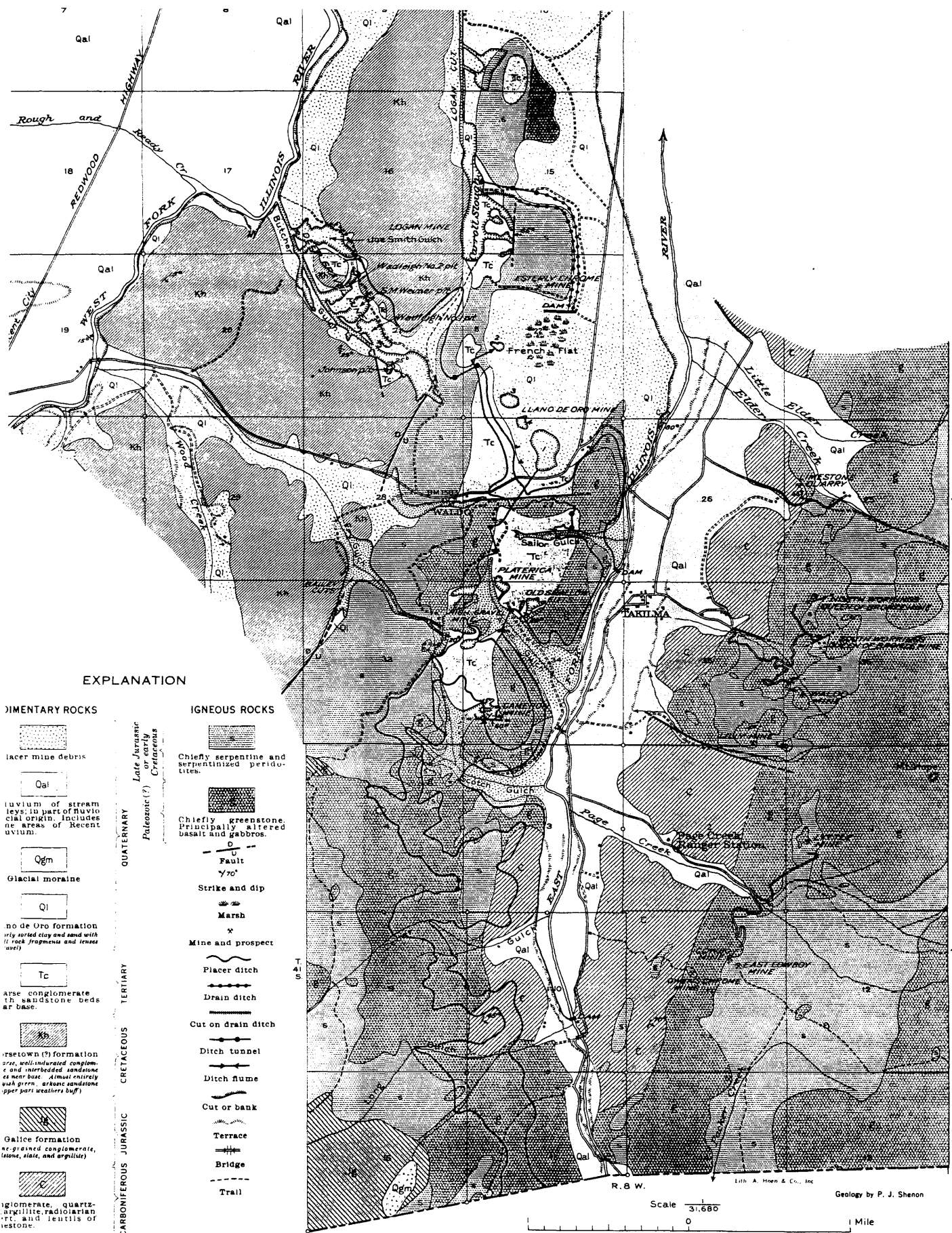
Map created August 2000 by Ralph Delamarter
 Features based on site investigations by W Tonsfeldt, E Budy and others
 Base images: digital raster graphs (DRG) and digital orthoquads (DOQ)(1995)
 of O'Brien, Takilma and Broken Rib quads (scale 1:24000).

LEGEND

-  ROAD
-  DITCH
-  'BOOMING' (WATER STORAGE)
-  HYDRAULIC HEADWALL
-  BACKHOE TEST PIT(?)
-  SOIL MOUND
-  BOARD SCATTERS
-  SMALL FLUME(?)
-  HYDRAULIC RUNOFF GULLY
-  TAILING PILES
-  BOTTLES
-  SANITARY CANS
-  FUEL CANS
-  HYDRAULIC PIPES
-  UNIDENTIFIED STRUCTURE
-  GROWING CONTAINERS
-  STONE DOOR
-  NOTCHED BOARDS
-  TRAIL
-  SEEP
-  SLOPE OF ANGEL
-  VEGETATION

High Gravel Mine 35H511-402
 SITE SKETCH MAP
 02-05-99
 Chris Kelly





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