

WILDERNESS CHARACTERISTICS INVENTORY
APPENDIX B – INVENTORY AREA EVALUATION

OR08-06 South Fork Clackamas

Evaluation of Current Conditions:

- 1) Document and review any existing BLM wilderness characteristics inventory findings on file regarding the presence or absence of individual wilderness characteristics, using Form 1, below.
- 2) Consider relevant information regarding current conditions available in the office. Identify and describe any changes to the existing inventory information. Use interdisciplinary team knowledge, aerial photographs, field observations, maps, etc. and document the findings on Form 2, below. Document current conditions regarding wilderness characteristics, as opposed to potential future conditions.

Conduct field reviews as necessary to verify information and to ascertain current conditions. Reach conclusions on current conditions including boundaries, size of areas and presence or absence of wilderness characteristics. Fully explain the basis for each conclusion on Form 2, including any critical differences between BLM and citizen information.

Document the findings regarding current conditions for each inventoried area. Describe how the present conditions are similar to, or have changed from, the conditions documented in the original wilderness characteristics inventory. Document the findings on Form 2 for each inventory area. Cite to or attach data considered, including photographs, maps, GIS layers, field trip notes, project files, etc.

FORM 1

Documentation of BLM Wilderness Characteristics Inventory Findings from Previous Inventory on Record

1. Is there existing BLM wilderness characteristics inventory information on all or part of this area?

No (Go to Form 2) Yes (If yes, and if more than one area is within the area, list the unique identifiers for those areas.):

a) **Inventory Source:** Computer generated from old BLM policy and all applicable BLM inventory files.

Salem District Wilderness Characteristic Inventory, Western Oregon Plan Revision Draft Environmental Impact Statement – September 2006

Western Oregon Plan Revision Record of Decision (2008) – RESCINDED

b) **Inventory Area Unique Identifier(s):** OR08-6 Clackamas Wilderness – South Fork Clackamas River

c) **Map Name(s)/Number(s):**

d) **BLM District(s)/Field Office(s):** Salem District, Cascades Resource Area

2. BLM Inventory Findings on Record:

Existing inventory information regarding wilderness characteristics (if more than one BLM inventory area is associated with the area, list each area and answer each question individually for each inventory area):

Inventory Source: Denotes all applicable BLM Inventory files, printed maps, or published BLM Decisions documents with information pertaining to this unit.

Unique Identifier	Sufficient Size? Yes/No (acres)	Naturalness? Yes/No	Outstanding Solitude? Yes/No	Outstanding Primitive & Unconfined Recreation? Yes/No	Supplemental Values? Yes/No
OR08-6 Clackamas Wilderness – South Fork Clackamas River	919 acres	Yes	Yes	No	N/A

FORM 2**Current Conditions: Presence or Absence of Wilderness Characteristics**

Area Unique Identifier: OR08-06 South Fork Clackamas

Total Acreage: 415 acres

Memaloose Creek Sub-Unit: 195 acres

S. Fork Clackamas #1 Sub-Unit: 178 acres

S. Fork Clackamas #2 Sub-Unit: 42 acres

1) **Is the area of sufficient size?** (If the area meets one of the exceptions to the size criterion, check "Yes" and describe the exception in the space provided below),

Yes

No

Note: If "No" is checked the area does not have wilderness characteristics; check "NA" for the remaining questions below.

Description (describe the boundaries of the area--wilderness inventory roads, property lines, etc.): There are three sub-units within this inventory unit. All sub-units are separate from one another but contiguous with the Clackamas Wilderness, a Wilderness area administered by the Mount Hood National Forest, Clackamas River Ranger District and located within Clackamas County, Oregon.. The area was designated by the Omnibus Public Lands Management Act of 2009. The Wilderness is comprised of five widely scattered roadless areas that individually do not reach 5,000 acres. However, when all five are taken together the total acreage within Wilderness boundaries is 9,181 acres.

The inventory unit is located within Clackamas County in the Clackamas River watershed.

All three sub-units are Oregon and California Revested Lands and are classified under the General Forest Management Area land use allocation in the 1995 Salem District Resource Management Plan.

Memaloose Creek

Refer to this inventory unit's associated Map 1 for the location of the Memaloose Creek subunit, located in T4S R5E sections 29 and 30. The boundaries are based on a proposal submitted by the public but have been revised based on available GIS information, new policy direction and field verification. Primarily, they have been reduced to exclude portion of the original inventory unit that do not meet the naturalness criteria.

The subunit's revised boundaries are formed by a combination of previous forest management (which have a direct bearing on naturalness), prominent signs of human disturbance and ownership boundaries. To the west, north and northeast, subunit boundaries are determined by the extent of a former water system constructed by the South Fork Water Board in 1913. The system includes tunnels, pipes and bridges that are in various states of deterioration since being

decommissioned in the 1980's. This evidence is substantial, noticeable to the casual visitor and detracts from the area's naturalness.

The eastern boundary of the subunit is determined by previous timber harvest which creates a distinct boundary between younger, plantation-like stands and older, unmanaged forest. The southern boundary is determined by the edge of BLM-administered land and the section lines of section 29 and 30. To the south of the subunit is the Clackamas Wilderness.

South Fork Clackamas #1

Refer to this inventory unit's associated Map 2 for the location of the South Fork Clackamas #1 subunit, located in T5S R4E section 12. The boundaries are based on a proposal submitted by the public but have been revised based on available GIS information, new policy direction and field verification. Primarily, they have been reduced to exclude portion of the original inventory unit that do not meet the naturalness criteria.

The boundaries of the subunit are determined to the west and south by the extent of previous timber harvest. To the north and east, the edge of BLM-administered land forms the boundary. To the north and east lies the Clackamas Wilderness.

South Fork Clackamas #2

Refer to this inventory unit's associated Map 2 for the location of the South Fork Clackamas #1 subunit, located in T5S R4E section 24. The boundaries are based on a proposal submitted by the public but have been revised based on available GIS information, new policy direction and field verification. Primarily, they have been reduced to exclude portion of the original inventory unit that do not meet the naturalness criteria.

The boundaries of the subunit are determined to the west by a combination of previous timber harvest and BLM Road 5-4E-24. To the east and south the extent of previous timber harvest defines the boundary. To the north, the edge of BLM-administered land forms the boundary. To the north lies the Clackamas Wilderness.

The entirety of section 24 is BLM-administered Oregon and California Revested Lands classified as General Forest Management Area (GFMA) Land Use Allocation (LUA) in the Salem BLM's current Resource Management Plan.

2) Does the area appear to be natural?

Yes

No

N/A

Note: If "No" is checked the area does not have wilderness characteristics; check "NA" for the remaining questions below.

Description (include land ownership, location, topography, vegetation, and summary of major human uses/activities):

In landscape character and vegetation, all three sub-units are virtually indistinguishable from the contiguous Clackamas Wilderness. Direct observation and forest inventory GIS data indicate the land within the revised subunit boundaries has never been subject to forest management activities, and no obvious signs of cutting or yarding are visible. No noticeable human developments were observed (such as skid roads or logging or utility corridors) and none are known at the time of inventory. However, the rapid growth rate of vegetation in the inventory unit's may have obscured or obliterated signs of human activity. Considering the terrain and lack of human developments, the entire unit appears to be affected primarily by the forces of nature with the imprint of humans substantially unnoticeable to the average visitor.

Memaloose Creek

This subunit is located in T4S, R5E, sections 29 and 30 and incorporates steep, dissected canyons of the South Fork Clackamas River and Memaloose Creek. Elevations range from 1380' on the canyon walls to 920' along the river. The subunit features portions of both the South Fork Clackamas and Memaloose Creek, along with exposed rock outcrops and other geological features.

The subunit includes approximately 195 acres of conifer dominated stands, consisting of primarily early mature seral stage Douglas-fir. Average age of the stands is 100-130 years. Over 71 percent or 142 acres is currently classified as "withdrawn" from timber production, likely due to the steep slopes and rocky ground.

Approximately 80 acres of the proposed subunit in section 29 was included in a one year timber sale contract from 1940-1941 to remove 16,000 board feet of western red-cedar.

This land is currently classified as part of the General Forest Management Area (GFMA) land use allocation under the 1995 Salem District RMP and is designated to "produce a sustainable supply of timber and other forest commodities. The Douglas-fir stands in this subunit are in steep, rocky ground which over 70 percent is classified as "withdrawn" from potential timber harvest. Approximately 100-140 acres could be accessible for timber harvest from the current road system surrounding this subunit, however most of those acres are currently classified as "withdrawn". Areas not listed as "withdrawn" would require additional access.

South Fork Clackamas #1

The subunit located in T5S, R4E section 12 and incorporates steep topography that slopes west to east into the South Fork Clackamas River. Elevations range from 2820' near the road to 1920' along the river. Two talus slopes are included within the subunit.

This subunit is approximately 178 acres of conifer dominated stands, consisting mainly of Douglas-fir and western hemlock. According to BLM forest inventory records, 35 acres are approximately 90 years of age, with 133 acres averaging over 200 years. The steep slopes and rock outcrops that exist throughout this subunit lend a majority of the area (about 72%) to be classified as "withdrawn" from timber production.

This land is currently classified as part of the GFMA land use allocation. Although over 70 percent of this subunit is classified as “withdrawn” from timber harvest, almost all of the proposed subunit is easily accessible from the 5-4E-1 road.

There is an excellent opportunity to include the northern portion of this subunit in a future timber harvest due to it’s easy access off the South Fork Road (road 5-4E-1), and it’s stocking and stand type (approximately 90 years). Approximately 35-40 acres of this stand is currently not shown as “withdrawn” (FOI #940839) and could be considered for treatment. The stand is dense, fully stocked, and would be a suitable candidate for thinning or regeneration harvest.

This portion of this subunit was considered for treatment in 1999 under the “Hillock” timber sale but was dropped from the proposal. There are no other records of any timber harvest activities in this subunit.

South Fork Clackamas #2

The subunit incorporates steep topography that slopes east to west into the South Fork Clackamas River. Elevations range from 3200’ to 2800’.

This subunit is 42 acres of well stocked Douglas-fir approximately 180 years in age. Approximately 2 acres is classified as “withdrawn” from timber production likely due to the presence of ground-water. This subunit is surrounded on all but its northern boundary by second-growth timber and conifer plantations. Drivable roads run along its west and east boundaries.

This land is currently classified as part of the GFMA land use allocation. Approximately 30-35 acres are accessible and could be considered for future timber harvest. Access to the unit is available from both the east and west.

This subunit was included in a 3 year contract for timber salvage from 1952-1955, along with an adjacent 80 acres in section 24. Over 900,000 board-feet of Douglas-fir, western hemlock, noble-fir, western red-cedar and western white pine were removed. This unit was considered for timber harvest in 1999 as part of the “Hillock” timber sale, but was dropped from the proposal.

3) Does the area (or the remainder of the area if a portion has been excluded due to unnaturalness and the remainder is of sufficient size) have outstanding opportunities for solitude?

Yes

No

N/A

Description (describe the area’s outstanding opportunities for solitude): The existing forest vegetation within all three sub-units has the size, height and density to contribute substantially to outstanding opportunities for solitude. The vegetation provides visual and auditory screening from the surrounding area. In areas with dense brush, lines of sight can be limited to less than 100 feet.

The steep topography also provides sufficient visual screening between visitors to an extent that provides for outstanding opportunities for solitude. Visitors to the unit would likely be unaware of other visitors unless they were directly encountered. Portions of the unit adjacent to the South Fork Clackamas and Memaloose Creek offer additional visual screening due to their confined nature.

Memaloose Creek

The subunit is approximately 0.25 miles north to south and 0.45 miles east to west. Road access to the subunit is limited and non-motorized access requires steep cross country travel and creek or river crossing.

There are no outside sights or sounds that are noticeable within this subunit. The combination of rugged topography, remoteness and vegetation result in this subunit containing outstanding opportunities for solitude in conjunction with the adjacent Wilderness.

South Fork Clackamas #1

The subunit is 1.0 miles north to south and 0.4 miles east to west at its widest. Access to the subunit is provided by travelling cross country from BLM Rd 5-4E-1.

The sounds of BLM and Forest Service roads surrounding the unit are occasionally audible, but due to infrequent traffic they are not omnipresent and not detract substantially from opportunities for solitude.

The unit, while small, is contiguous with large, roadless and undeveloped federal lands. It provides the opportunities for visitors to escape the sites and sounds of others and therefore has outstanding opportunities for solitude when considered in conjunction with the adjacent wilderness.

South Fork Clackamas #2

The subunit is 0.25 miles north to south and 0.2 miles east to west. Access to the subunit is either from above on the USFS 45 road or from below on BLM Rd 5-4E-24.

The subunit, while small, is contiguous with large, roadless and undeveloped federal lands. It provides the opportunities for visitors to escape the sites and sounds of others and therefore has outstanding opportunities for solitude when considered in conjunction with the adjacent wilderness .

4) Does the area (or the remainder of the area if a portion has been excluded due to unnaturalness and the remainder is of sufficient size) have outstanding opportunities for primitive and unconfined recreation?

Yes

No

N/A

Note: If "No" is checked for both 3 and 4 the area does not have wilderness characteristics; check "NA" for question 5.

Description (describe the area's outstanding opportunities for primitive and unconfined recreation): The Clackamas Wilderness provides outstanding opportunities for non-motorized primitive recreation. The USFS maintains a single system trail within the Wilderness that provides access the South Fork Clackamas River. Evidence suggests that the trail is not highly used, but it offers opportunities for hiking, horseback riding, hunting, nature study and photography. All three sub-units provide outstanding opportunities for these activities when considered in conjunction with the Wilderness. The subunits offer similar opportunities for primitive and unconfined recreation when compared to one another.

Memaloose Creek

This sub-unit contains no recreational trails or other facilities. Access to this subunit involves overland travel and river or creek crossing from either the Memaloose Rd (BLM Rd 4-5E-29) or Highway 224. Despite this lack of access, there are signs of regular visitor use directly adjacent to the subunit due to the close proximity of the South Fork Clackamas water works and several large waterfalls (up to 120' high) that serve as attractions for visitors. Non-profit trail advocates have developed a proposal to develop a trail system in this area, citing the close proximity to the Willamette Valley and high scenic value of the waterfalls and historic water works.

South Fork Clackamas #1

This sub-unit contains no recreational trails or other facilities. Access to most of the subunit involves cross-country travel. It is expected that virtually no recreation use or public access takes place in this sub-unit.

South Fork Clackamas #2

This sub-unit contains no recreational trails or other facilities. Access to most of the subunit involves cross-country travel. It is expected that virtually no recreation use or public access takes place in this sub-unit.

(5) Does the area have supplemental values (ecological, geological, or other features of scientific, educational, scenic or historical value)?

Yes

No

N/A

Description: The inventory unit provides suitable habitat for the Northern Spotted Owl, a threatened species under the Endangered Species Act. The area is within the provincial home range of two known owl pairs.

Summary of Analysis

* This form documents information that constitutes an inventory finding on wilderness characteristics. It does not represent a formal land use allocation or a final agency decision subject to administrative remedies under either 43 CFR parts 4 or 1610.5-3.

Area Unique Identifier: OR08-06 South Fork Clackamas River

Summary

Results of analysis:

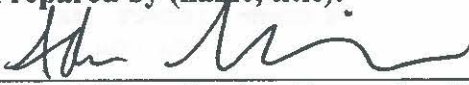
(Note: explain the inventory findings for the entirety of the inventory unit. When wilderness characteristics have been identified in an area that is smaller than the size of the total inventory unit, explain why certain portions of the inventory unit are not included within the lands with wilderness characteristics (e.g. the inventory found that certain parts lacked naturalness).

1. Does the area meet any of the size requirements? Yes No
2. Does the area appear to be natural? Yes No N/A
3. Does the area offer outstanding opportunities for solitude or a primitive and unconfined type of recreation? Yes No N/A
4. Does the area have supplemental values? Yes No N/A

Check one:


- The area, or a portion of the area, has wilderness characteristics and is identified as lands with wilderness characteristics.
- The area does not have wilderness characteristics.

Prepared by (name, title):

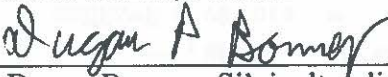

Adam Milnor, Outdoor Recreation Planner

2/19/2013
Date

Team Members (name, title):


Alisa Tanner, Forester

2/15/2013


Dugan Bonney, Silviculturalist

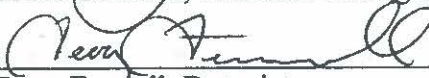
2/19/2013


James England, Wildlife Biologist

2/11/2013

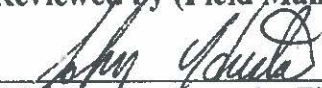

Bruce Zoellick, Fisheries Biologist

2/13/2013


Terry Fennell, Botanist

2/19/2013

Reviewed by (Field Manager or District Manager):

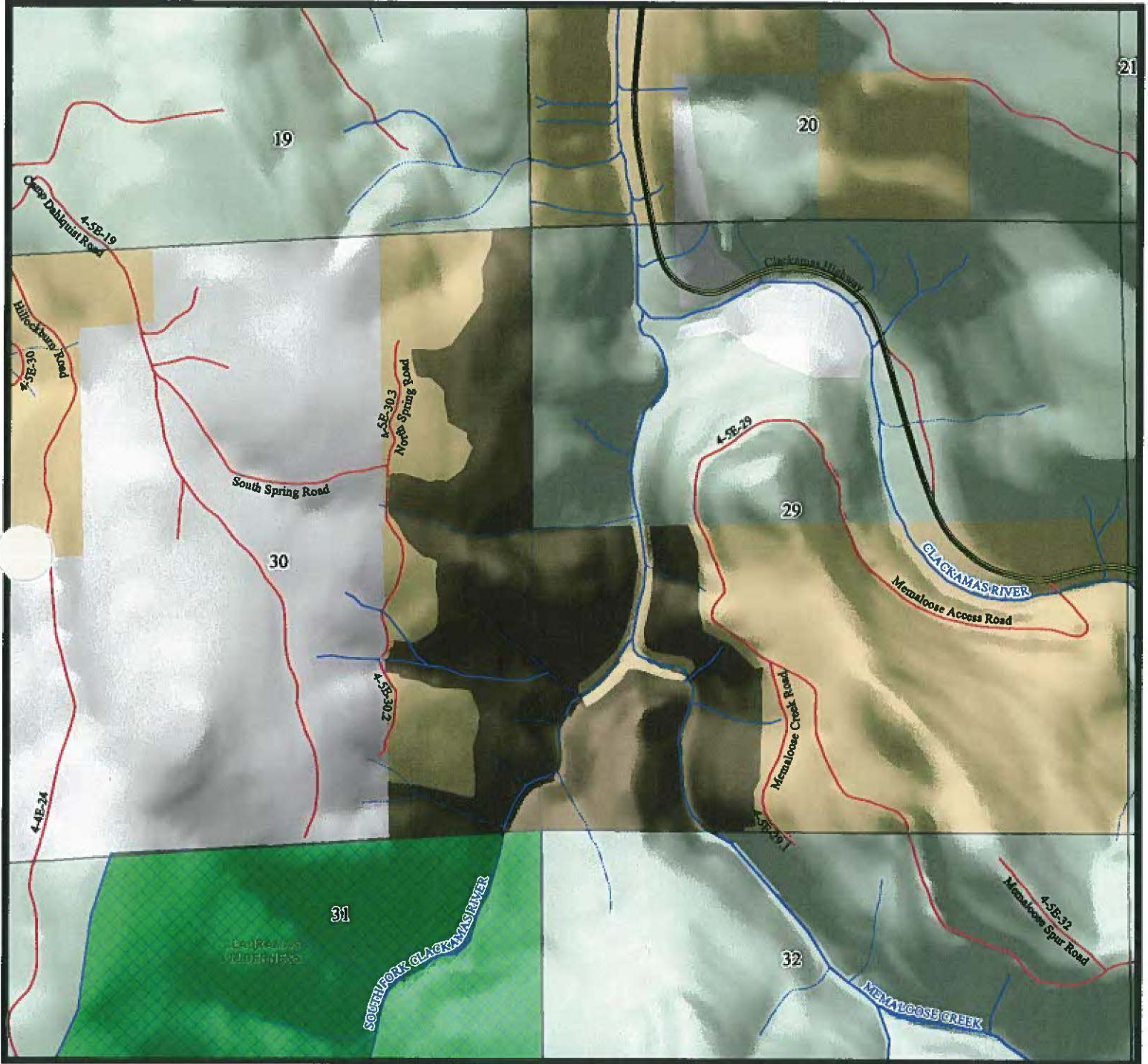

John Huston, Cascades Field Manager

2/8/13
Date






United States
 Department of the Interior
BUREAU OF LAND MANAGEMENT
 Salem District / Cascades Resource Area
Inventory Unit: South Fork Clackamas River




Subunit: Memaloose Creek
 OR08-06

September 26, 2012



No warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual or aggregate use with other data. Original data were compiled from various sources and may be updated without notification.

-  Road
-  Intermittent
-  Perennial
-  Proposed Wilderness Characteristics Area
-  Region 6 Wilderness

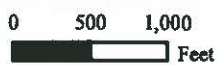
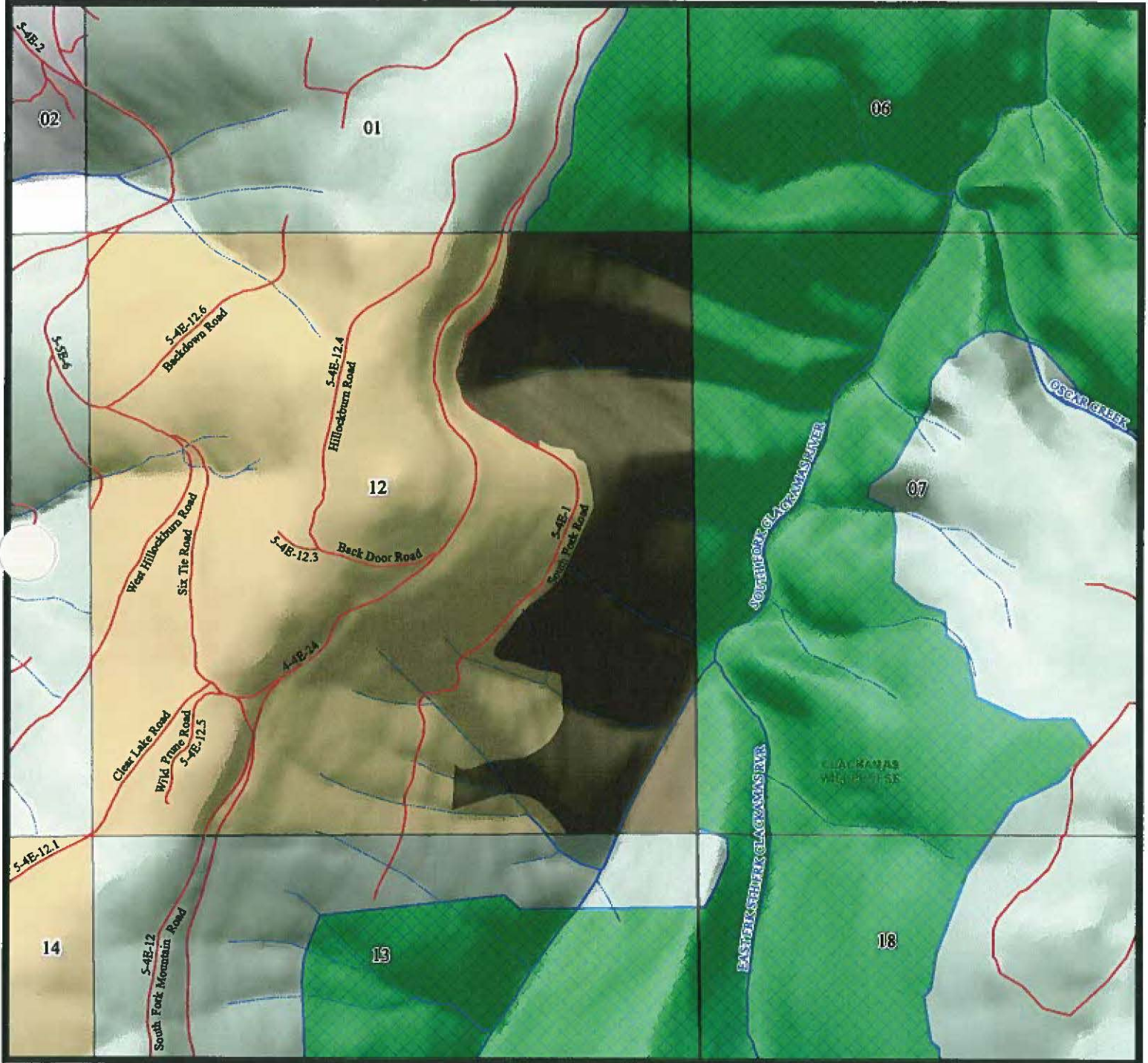
-  Bureau of Land Management
-  U.S. Forest Service
-  Private/Unknown








United States
 Department of the Interior
BUREAU OF LAND MANAGEMENT
 Salem District / Cascades Resource Area
Inventory Unit: South Fork Clackamas River




Subunit: Clackamas1
 OR08-06

September 26, 2012



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-  Road
-  Intermittent
-  Perennial
-  Proposed Wilderness Characteristics Area
-  Region 6 Wilderness

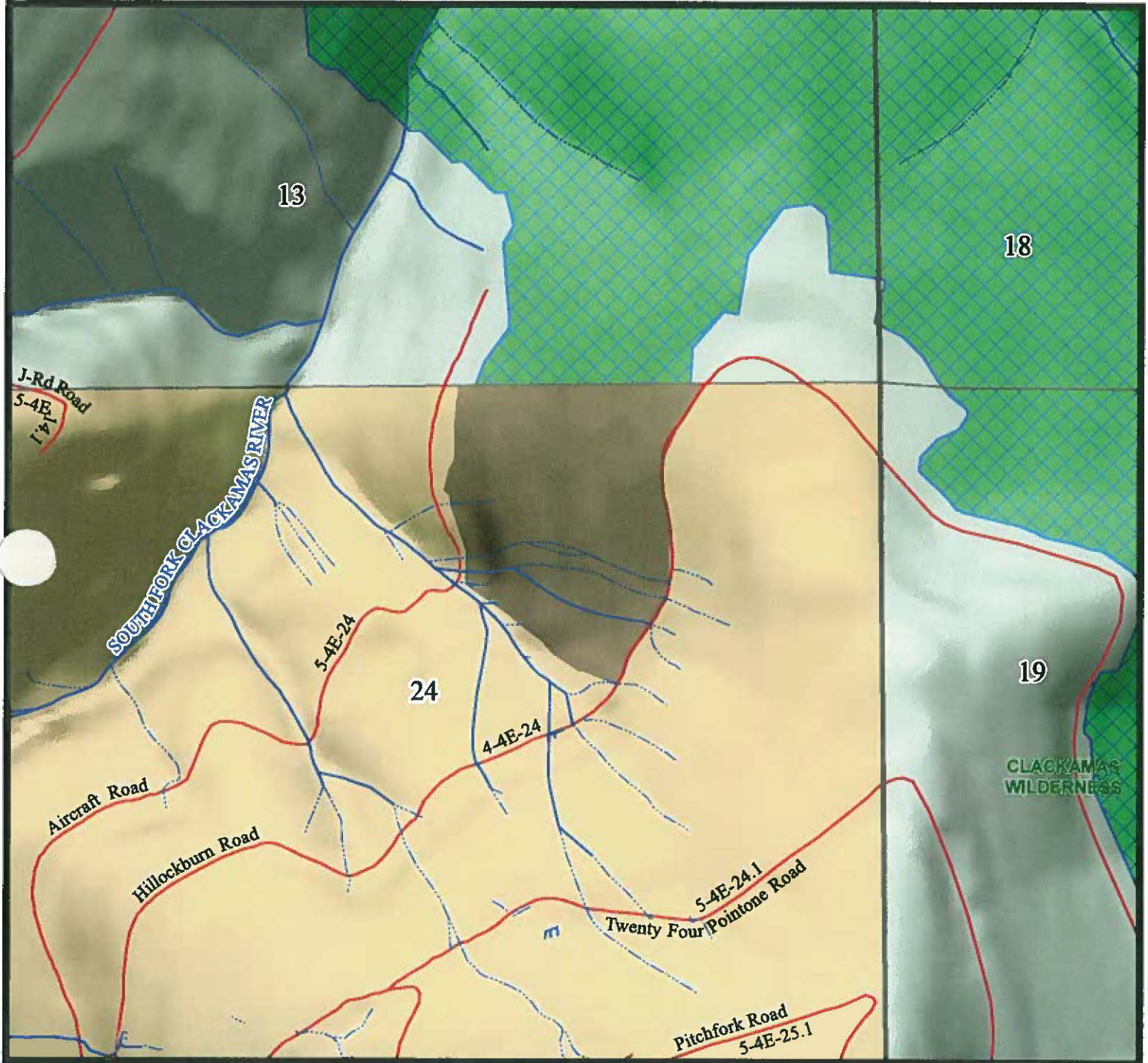
-  Bureau of Land Management
-  U.S. Forest Service
-  Private/Unknown



United States
 Department of the Interior
 BUREAU OF LAND MANAGEMENT
 Salem District / Cascades Resource Area
 Inventory Unit: South Fork Clackamas River

Subunit: Clackamas2
 OR08-06

September 26, 2012



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- Road
- Intermittent
- Perennial
- Proposed Wilderness Characteristics Area
- Region 6 Wilderness

- Bureau of Land Management
- U.S. Forest Service
- Private/Unknown



WILDERNESS CHARACTERISTICS INVENTORY

APPENDIX D – PHOTO LOG

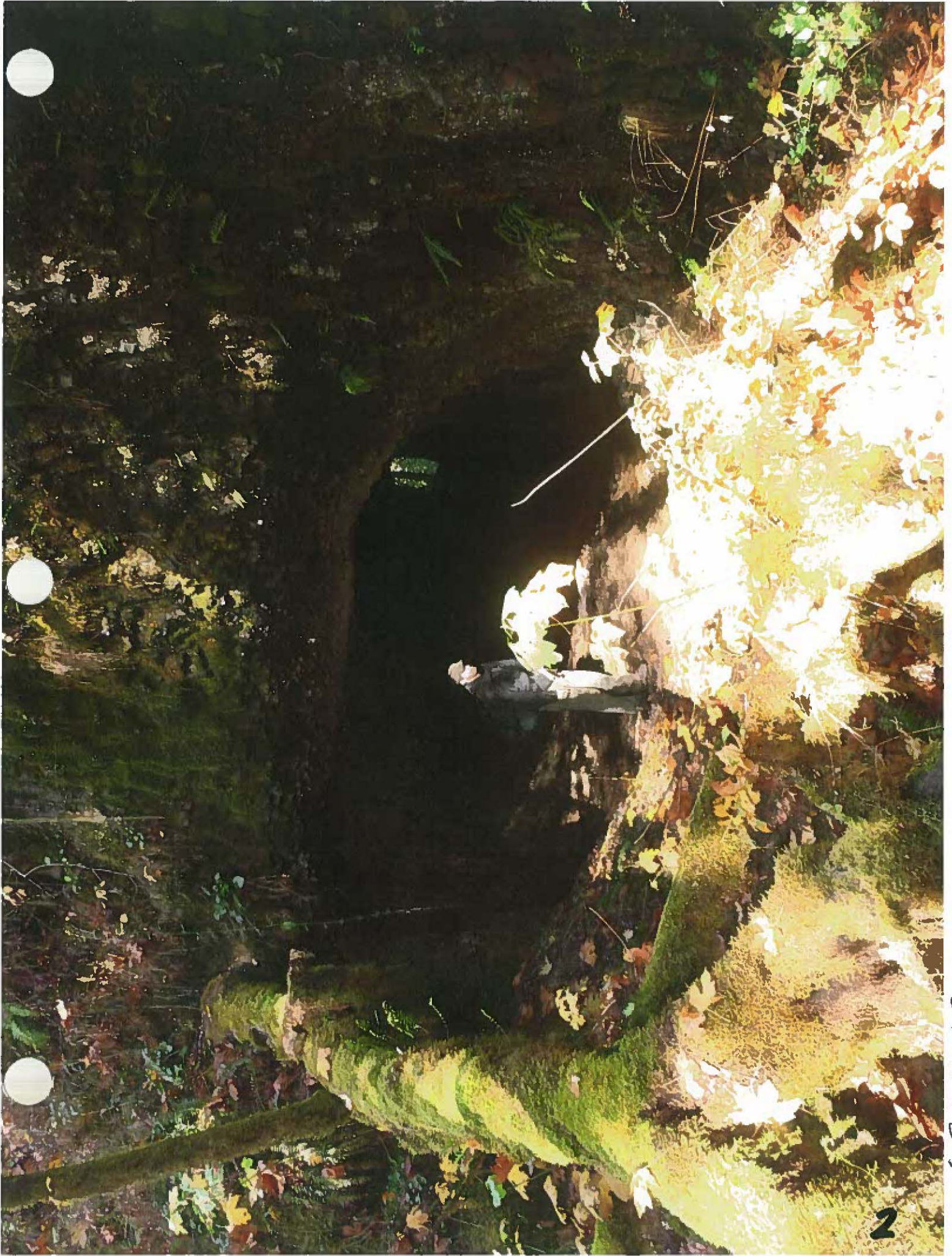
Photographer(s): Adam Milnor, Corbin Murphy

Inventory Area Unique Identifier: OR08-06 South Fork Clackamas

Date	Frame #	Camera Direction	Description	GPS/UTM Location	Township	Range	Sec.	Photo Point #
10/17/12	1	N	BLM Road X which provides access to the Memaloose Creek subunit	45.186393 -122.220755	4S	5E	29	1
10/17/12	2	NW	A tunnel on the east side of Memaloose Creek, part of the South Fork water works	45.186604 -122.223287	4S	5E	29	2
10/17/12	3	NW	A road alignment on the east side of Memaloose Creek	45.188086 -122.223973	4S	5E	29	3
10/17/12	4	W	The remains of a water works-related structure with the author in the foreground	45.189357 -122.224360	4S	5E	29	4
10/17/12	5	NE	A tunnel and pipe on the west side of the South Fork Clackamas River, part of the South Fork water works	45.188812 ,-122.228522	4S	5E	29	5
10/17/12	6	NE	The South Fork Clackamas River above a 120' waterfall, the edge of human development	45.188676 -122.228436	4S	5E	29	6
10/17/12	7	W	Concrete structure at the top of the tunnel in picture #5	45.188812 ,-122.228522	4S	5E	29	7
10/17/12	8	SW	Typical mature, natural forest condition on the canyon walls of the Memaloose subunit	45.188812 ,-122.228522	4S	5E	29	8
11/7/12	9	E	Typical mature, natural forest conditions of the South Fork Clackamas #1 subunit	45.156440 -122.258520	4S	5E	12	9
11/7/12	10	S	BLM Road X which access SF Clackamas #1 subunit	45.154746 -122.260752	4S	5E	12	10
11/7/12	11	SE	A talus slope below Road X surrounded by old growth forest	45.154685 -122.258778	4S	5E	12	11
11/7/12	12	SE	A talus slope below Road X surrounded by second growth forest excluded from the subunit	45.147663 -122.260666	4S	5E	12	12
11/7/12	13	NE	Upland view of a managed plantation adjacent to SF Clackamas #2 subunit	45.117206 -122.275085	4S	5E	24	13

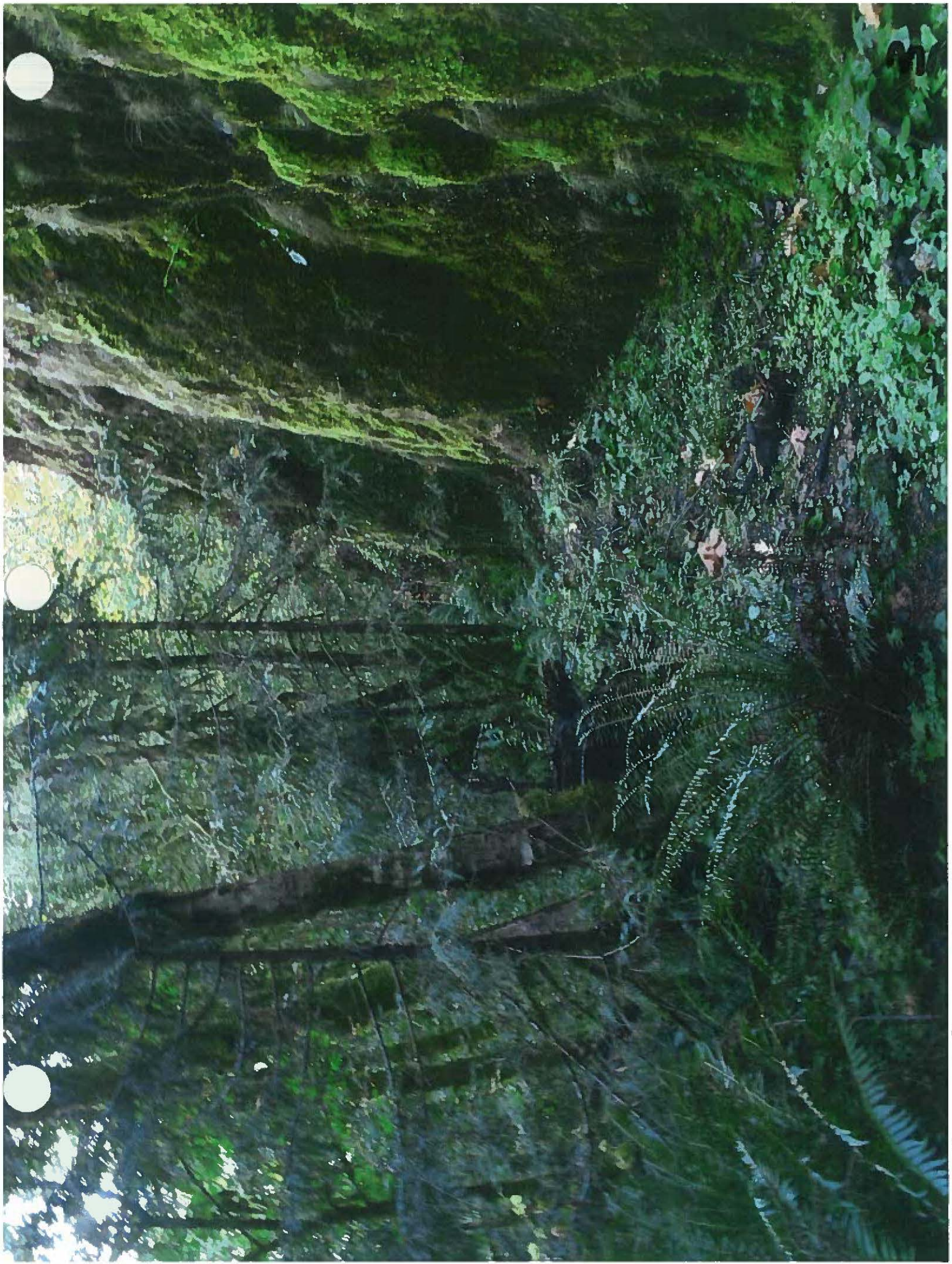


S. Fork Clark 1



S. Fork Clack 2

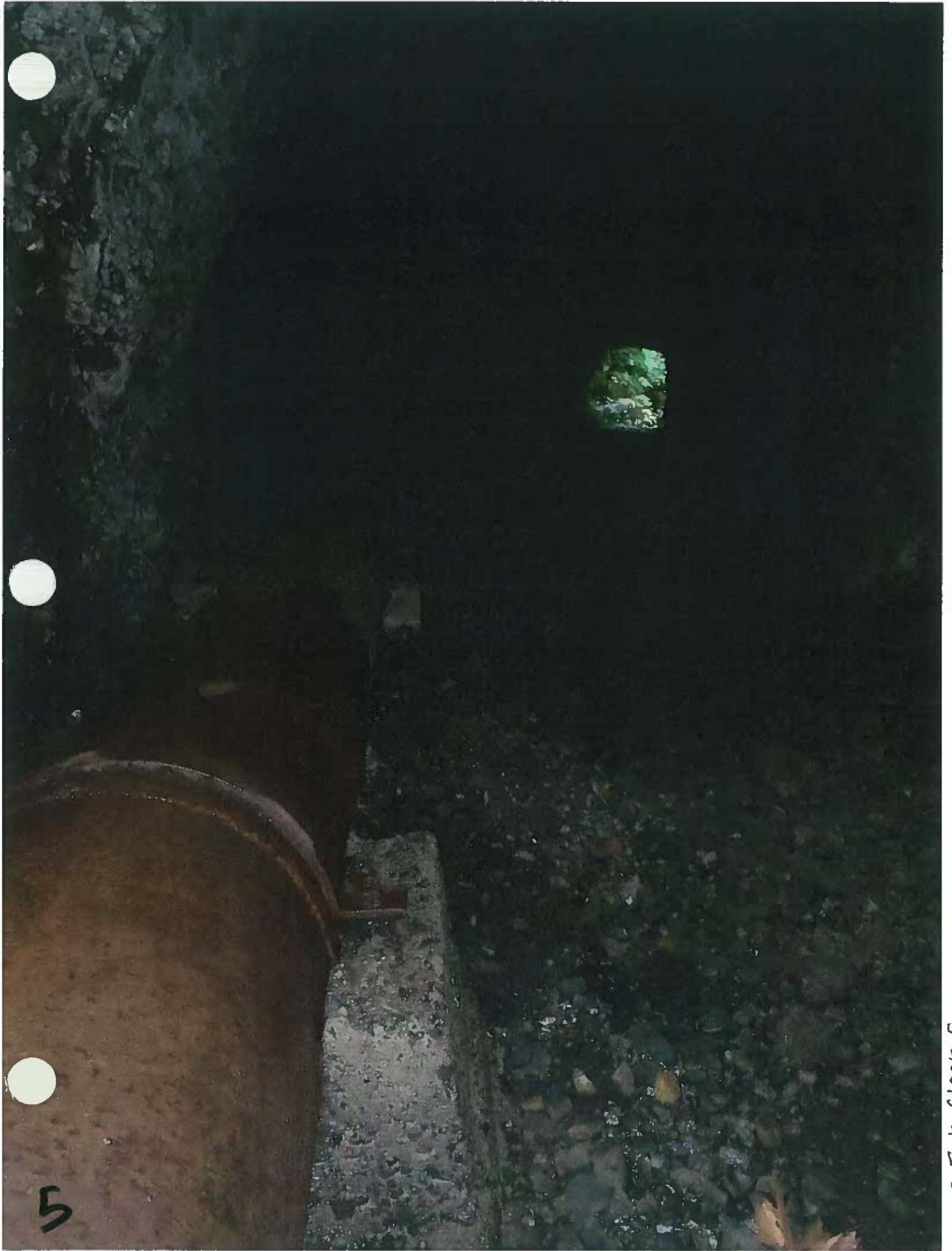




Smith Fork creak 3

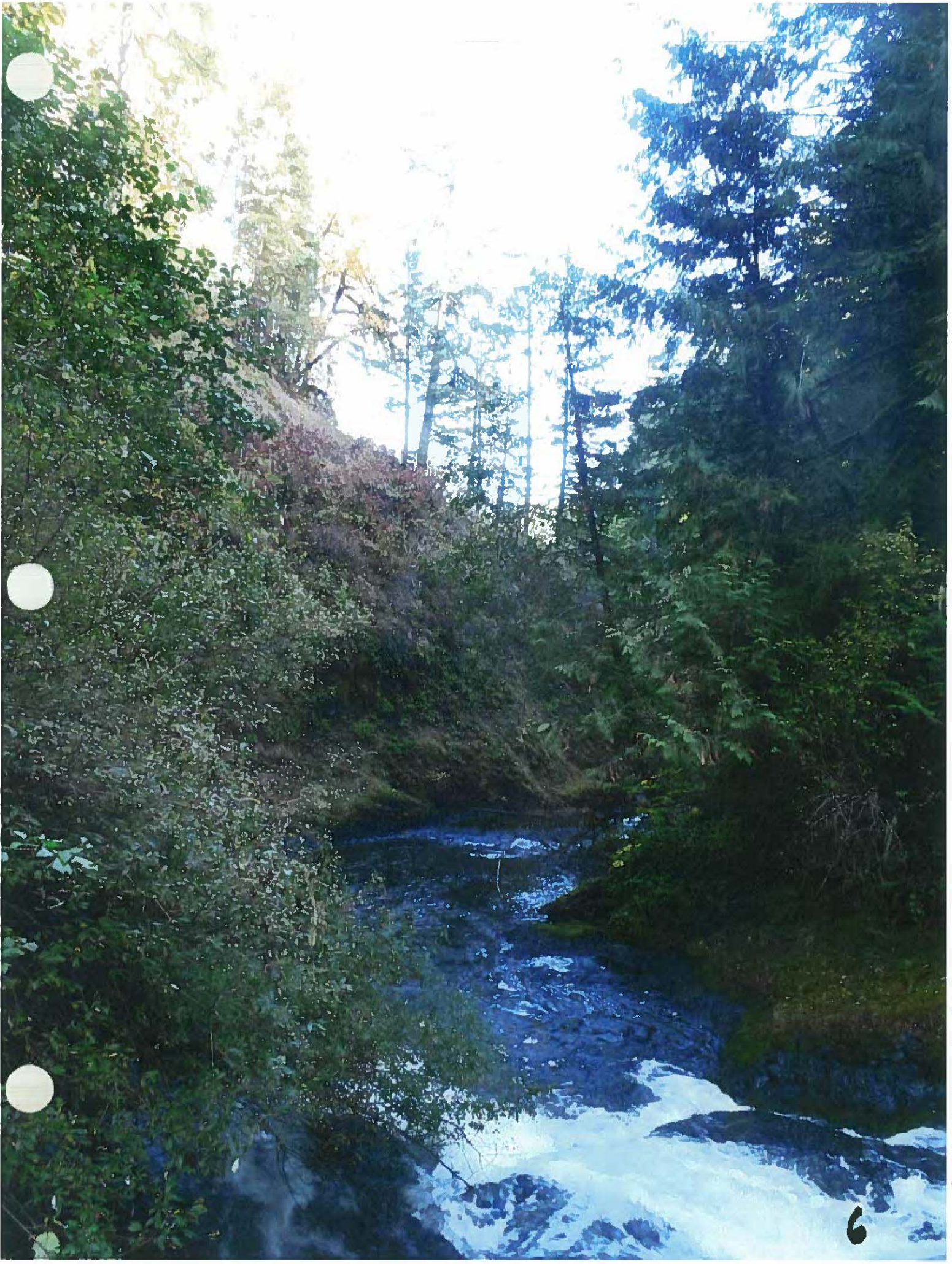


J. Fork Clack 4



5

5 Fork clack. 5

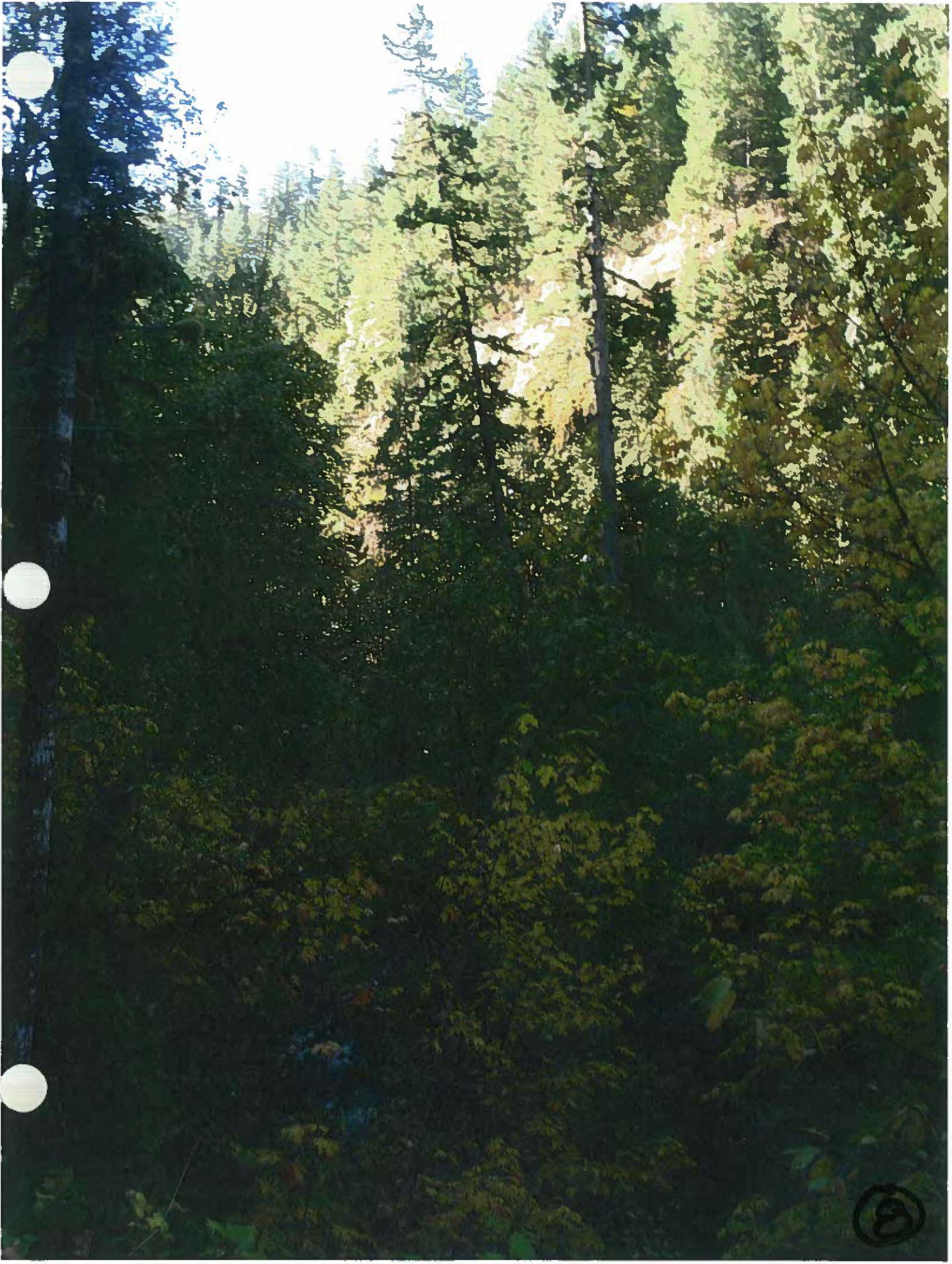


S. Fork Clark G

6



S. Fork Clack 7



S. E. T. CLACK 8





S. Fork Clack #9



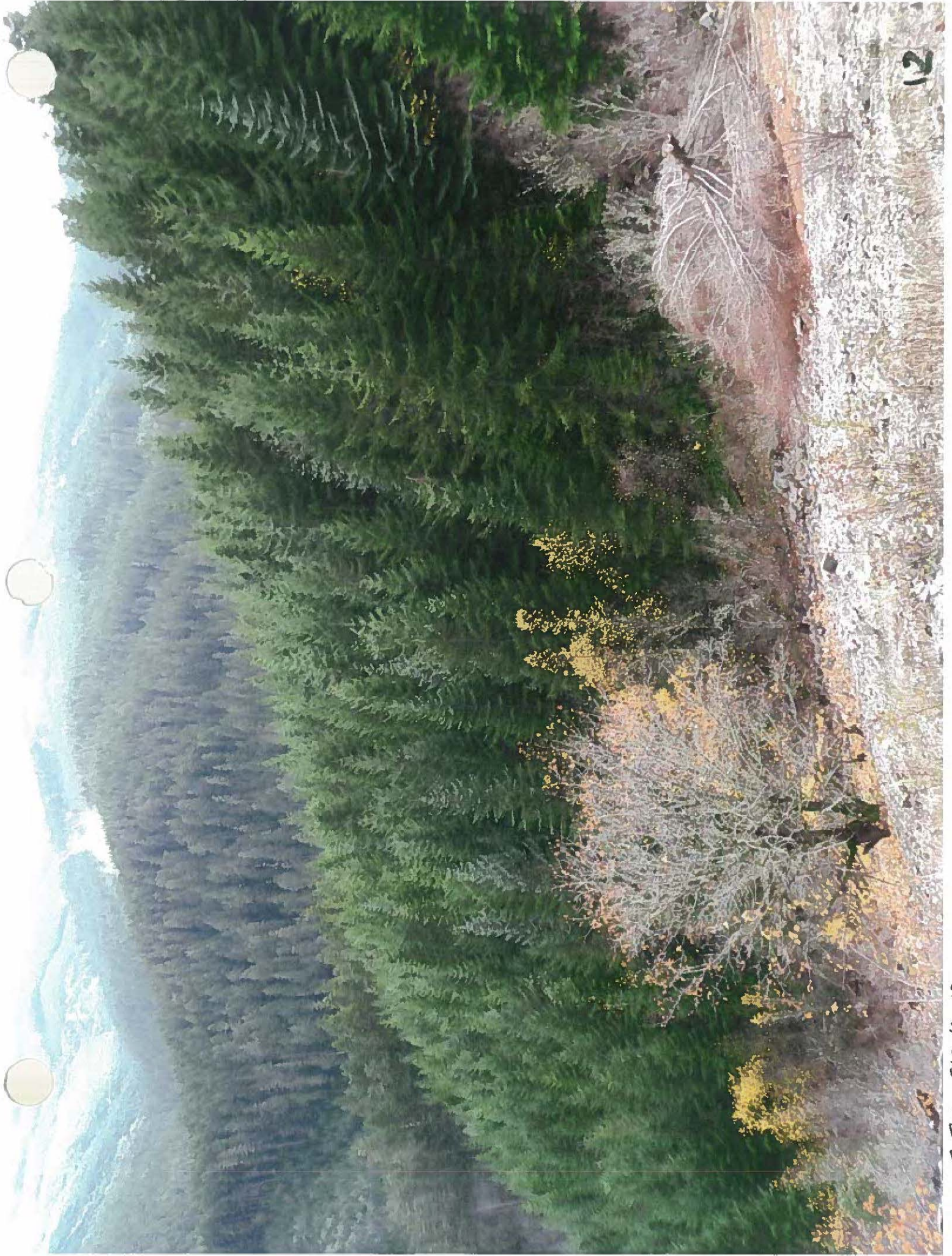
S. Fork Clark rd

10



S. Fork Clark II

11



12

S. Fork Clark 12



S. Fork Clark 13

