

STATE OF WASHINGTON
DEPARTMENT OF FISH & WILDLIFE
LANDS AND RESTORATION SERVICES PROGRAM
Salmonid Screening, Habitat Enhancement &
Restoration Division (SSHEAR)

OFF-CHANNEL SITE INVENTORY DATA

General Information:

Region: North Coast	Observer(s): Nettnin
River System: Sol Duc	Date: 3/6/01
Site Identifier: S-327R-07	WRIA: 20.0327X
River Mile Location: 3.1	RB/LB: RB
Local Name: Unnamed	Trib. to: Cold Creek (20.0327)
Legal Description: NE ¼, Sec 6, T30N, R12W	County: Clallam
Habitat Type: Upper Valley Wall Trib	
Landowner: (X) Federal () State () County () Other Government (X) Private - U. S. Forest Service - Rayonier Timber Operations Company	

Directions to site: North from Forks to M.P. 203.9. Turn left onto SR 113 (Burnt Mountain Road) and follow for 2.9 miles. Turn left onto the FSR-3116 road. Continue up the FSR-3116 for about 3.3 miles to Cold Creek crossing. S-327R-07 is the right bank tributary just upstream of the culvert.

Site Overview: The ridge that forms the divide between the Hoko River watershed and the Cold Creek drainage is the source for this valley wall system. This tributary system drains about 280 acres of U. S. Forest Service and private timber land. It flows through a U-shaped valley. Most of this watershed has been harvested, but about 40 - 60 acres are still old growth forest. Timber harvest activities have resulted in side slope failures along the headwall. The failures have caused debris flows which have resulted in several debris jams, one of which is significant. This large jam is located below the confluence of tributary S-327R-10. Trout were observed above the jam both in this channel and an associated tributary. Most of the disturbed riparian zone is regenerating with dense salmonberry. There is a short reach of mature timber which provides shade.

Habitat Information:

Water source: Surface runoff and tributaries

Intermittent/year-around:

-Possibly year-around. May be intermittent during late summer of a dry year.

Estimated flows (cms): Lower end: 0.0064 - 0.014 Upper end: 0.001 - 0.002

Water temperatures: Lower end: 5.5°C Upper end: 5.5°C

Adjacent stream temperature: 5.5°C

Other water observations: Water is clear

Site area measurements: Indirect Direct Combination

Widths: Channel- 3.0 - 4.0 m Ponds- NA Wetlands- NA
Depths: Channel- 10 - 30 cm Ponds- NA Wetlands- NA
Total length surveyed (includes ponds and wetlands): 850 m

Total existing habitat area (est.): 2,750 m²

Spawning area:	50 m ²	Tributaries: 0 m ²	Total: 50 m ²
Impounded area:	0 m ²	Tributaries: 0 m ²	Total: 0 m ²
Other rearing area:	2,000 m ²	Tributaries: 700 m ²	Total: 2,700 m ²

Spawning Habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat:

- The substrate is dominated by bedrock and cobble.
- The gravel in various areas is clean and different sizes.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat:

- Pools are small but numerous.
- Overhead cover is provided by some old growth forest. There is also thick salmonberry and devils club along the stream banks.
- There is abundant woody debris, bank overhangs, woody debris piles, and overhanging brush.

Describe unaccessible habitat:

- There is a three-meter high woody debris jam at RM 0.4. It may be a barrier. Fish were observed upstream of this jam.
- There is about 300 m of stream habitat above the jam. About 200 m of it is low gradient. This is partially due to the bedload formation from the jam. There is little shade in this stream reach at this time. Alder and Salmonberry are beginning to regenerate along the banks.

Describe wetland: Bog Marsh Scrub-shrub Wetland Forested Wetland

- NA

Flooding potential: Low Medium High

- Stream may be susceptible to flashy flows during freshets and rain on snow events.

Fish Information:

Site entry condition to Cold creek: Poor Fair Good

- This branch has more flow than the (**right???**)bank branch.

Coho access and use:

Juvenile- Unknown None Poor Fair Good
Adult- Unknown None Poor Fair Good
- This channel is upstream of an anadromous barrier.

Other species access and use: Chum Pink Sockeye Chinook Trout

- Fish were observed throughout the stream during this survey.

Habitat Improvements:

Enhancement opportunities:

Possible project type:

- Maintain the integrity of the stream.
- Plant conifers in the riparian areas where it is needed.

Equipment access: none

Additional Comments:

- G.P.S. location of confluence East: 1,075,502 North: 1,043,347

There is conflicting information regarding the source branch to the upper reach of Cold Creek. Both branches are shown as the source on different maps. The Department of Natural Resources, Cape Flattery Quadrangle map and The Department of Fish and Wildlife's Catalog of Washington Streams and Salmon Utilization indicate the source is on the right bank stream. The Forest Practice Base map, U.S.G.S. and the U.S. Forest Service map indicate the source is on the left bank stream. The right bank stream has more flow and the temperature mimics the mainstem. The left bank stream was measured at a degree Celsius cooler. Since this area is located on Forest Service land and is mapped accordingly, this report uses the left bank as the source channel.

Attachments Available:

Contact respective SSHEAR habitat biologist for the following checked items:

- | | | | |
|---|--|--|---|
| <input type="checkbox"/> Aerials | <input checked="" type="checkbox"/> Sketch | <input type="checkbox"/> Maps | <input type="checkbox"/> Culvert Report |
| <input type="checkbox"/> Other references | <input type="checkbox"/> Spawning surveys | <input type="checkbox"/> Juvenile trapping | <input type="checkbox"/> Fishway Report |

RIVER: SOL DUC

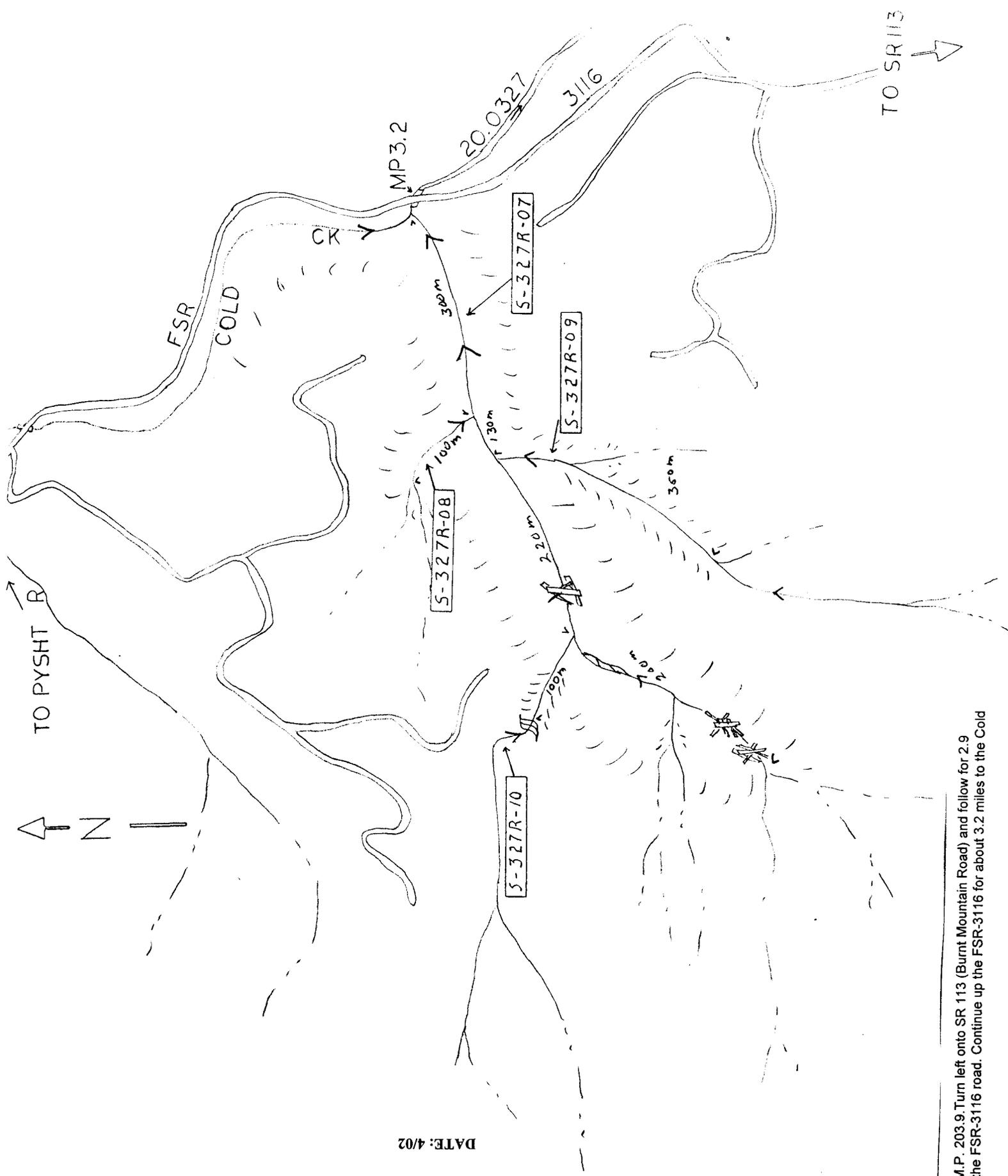
TRIB: Cold Creek - 20.0327

AREA: S-R5

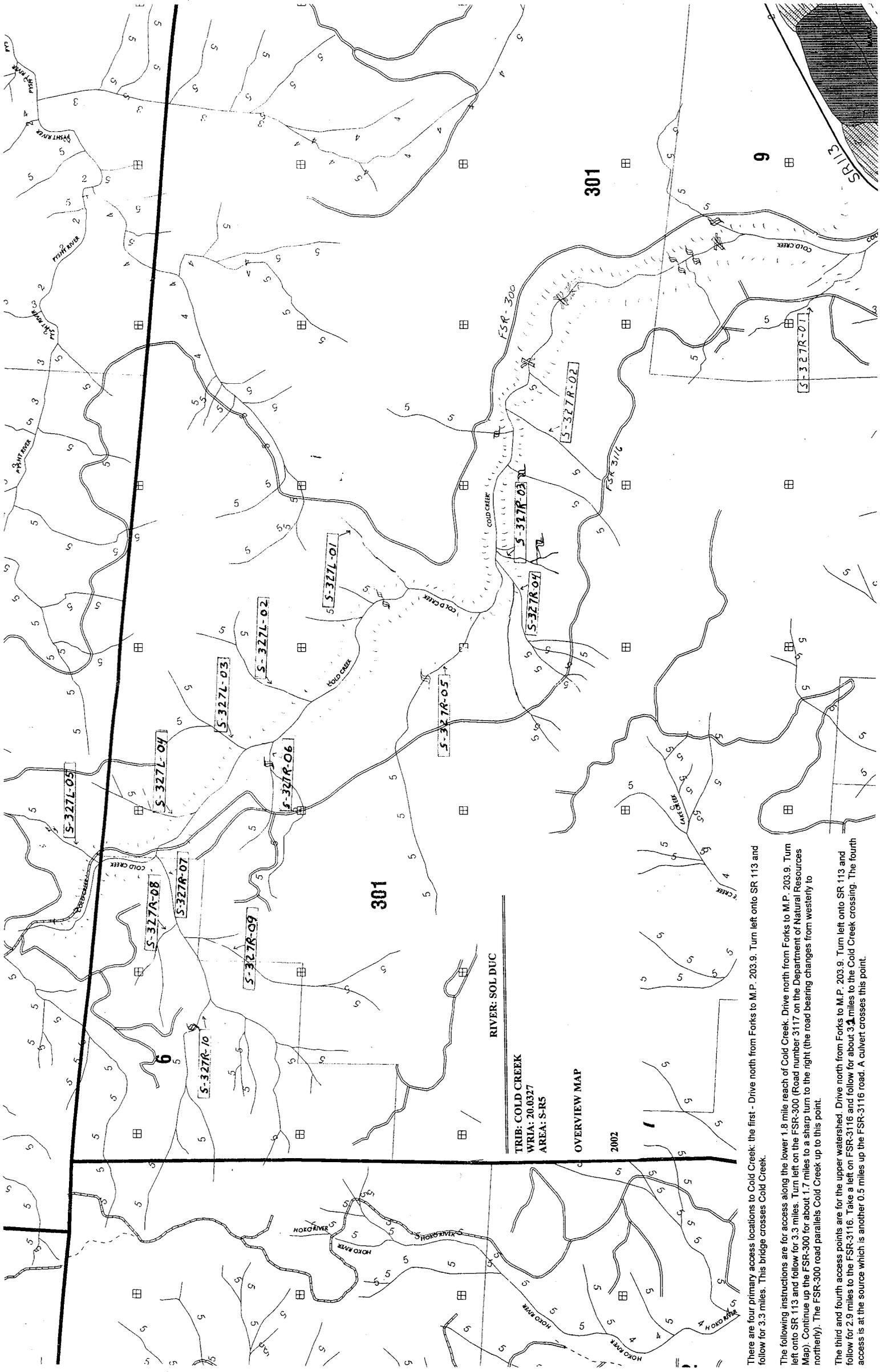
SITE: S-327R-07, S-327R-08, S-327R-09, S-327R-10

NAMES: Unnamed, Unnamed, Unnamed, Unnamed

DATE: 4/02



North from Forks to M.P. 203.9, Turn left onto SR 113 (Burnt Mountain Road) and follow for 2.9 miles. Turn left onto the FSR-3116 road. Continue up the FSR-3116 for about 3.2 miles to the Cold Creek crossing.



There are four primary access locations to Cold Creek: the first - Drive north from Forks to M.P. 203.9. Turn left onto SR 113 and follow for 3.3 miles. This bridge crosses Cold Creek.

The following instructions are for access along the lower 1.8 mile reach of Cold Creek. Drive north from Forks to M.P. 203.9. Turn left onto SR 113 and follow for 3.3 miles. Turn left on the FSR-300 (Road number 3117 on the Department of Natural Resources Map). Continue up the FSR-300 for about 1.7 miles to a sharp turn to the right (the road bearing changes from westerly to northerly). The FSR-300 road parallels Cold Creek up to this point.

The third and fourth access points are for the upper watershed. Drive north from Forks to M.P. 203.9. Turn left onto SR 113 and follow for 2.9 miles to the FSR-3116. Take a left on FSR-3116 and follow for about 3.1 miles to the Cold Creek crossing. The fourth access is at the source which is another 0.5 miles up the FSR-3116 road. A culvert crosses this point.

