

**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): Powell
River System: Sol Duc	Date: 2/10/00
Site Identifier: S-333L-01	WRIA: 20.0333A
River Mile Location: 0.41	RB/LB: LB
Local Name: Trestle Creek	Trib. to: 20.0333 (Redoubt Cr)
Legal Description: NW¼ Sec18 T30N R11W	County: Clallam
Habitat Type: Valley wall tributary	
Landowner: (X) Federal (X) State () County () Other Government (X) Private	
- Washington Dept of Natural Resources	
- Bloedel Timber Company	
- National Forest, USFS	

Directions to site:

Starting at Forks (Tillicum Park), drive north on Highway 101 for 16.3 miles (mp 208) to West Twin Road (FS 30 Road). Take a left on this road and follow for 2.85 miles. At this point, the road and Bear Creek are at close proximity. There is a wide spot on the left-hand side of the road. Park here and cross Bear Creek. The egress of Redoubt Creek (S-0333) should be obvious. Follow Redoubt Creek upstream for ~ 0.41 miles. S-333L-01 will be the first encountered left bank tributary.

Site Overview:

This channel has diverse characteristics along its length. The lower reach has some excellent spawning habitat and offers seasonal rearing habitat. There are areas of quality spawning gravel and, excellent cover and pools from old large woody debris. The gradient is ~ 3%. The mid reach steadily gains in gradient. Gravel and large woody debris is abundant. Upstream, the channel becomes incised with steep side slopes and the gradient continues to climb. The channel is characterized as step/pool with boulders and large woody debris forming the large pools. The riparian is predominantly alder and brush throughout the surveyed stream. There are conifers along the side slopes. Trout habitat extends beyond the survey end point which was >12% gradient at 0.25 miles.

Habitat Information:

Water source: Tributaries and surface runoff

Intermittent/year-around:

- Probably year-around

Estimated flows (cfs): 3.5 - 4

Water temperatures: 6° C

Adjacent stream temperature: 5° C

Other water observations:

Site area measurements: Indirect Direct Combination

Widths: Channel- 1.5 m - 3.5 m Ponds- NA Wetlands- NA

Depths: Channel- 5 cm - 30 cm Ponds- NA Wetlands- NA

Total length (includes ponds and wetlands): 430+ m (trout habitat above end point)

Total existing habitat area (est.): 1075+ m²

Spawning area: 775 m²

Impounded area: 0 m²

Other rearing area: 330 m²

Spawning Habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat:

- The gradient is initially ~ 3% and gradually climbs > 12% in 0.25 miles.
- The gravel quality for spawning was excellent throughout the survey.
- Old large woody debris provides cover and pool.
- This stream is occasionally monitored for coho spawning escapement.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat:

- This stream offers some seasonal rearing area if flows are not limiting.
- There are abundant old large woody debris pieces that form excellent pools.
- Alder and brush provide canopy and cover throughout the surveyed reaches. There are conifers along the slopes.
- The upper surveyed reach has a step/pool profile where the channel becomes incised. The large pools are formed by woody debris and boulders.
- The channel has a continuous gradient climb within a quarter mile. The survey ended > 12% gradient.
- This stream does experience occasional high flows.
- There is excellent resident trout habitat above the survey end point.

Describe inaccessible habitat:

Describe wetland: Bog Marsh Scrub-shrub Wetland Forested Wetland

Flooding potential: Low Medium High

- This channel appears to have occasional flushing flows.

Fish Information:

Site entry condition to (20.0333): Poor Fair Good

- There is open egress into Redoubt Creek.

Coho access and use:

Juvenile- Unknown None Poor Fair Good

Adult- Unknown None Poor Fair Good

- Supplemental spawner surveys are conducted on the lower 0.3 miles of this stream.

Other species access and use: Chum Pink Sockeye Chinook Trout

- Trout can utilize this stream.

- There was excellent trout habitat above the survey end point (0.27 miles).

Habitat Improvements:

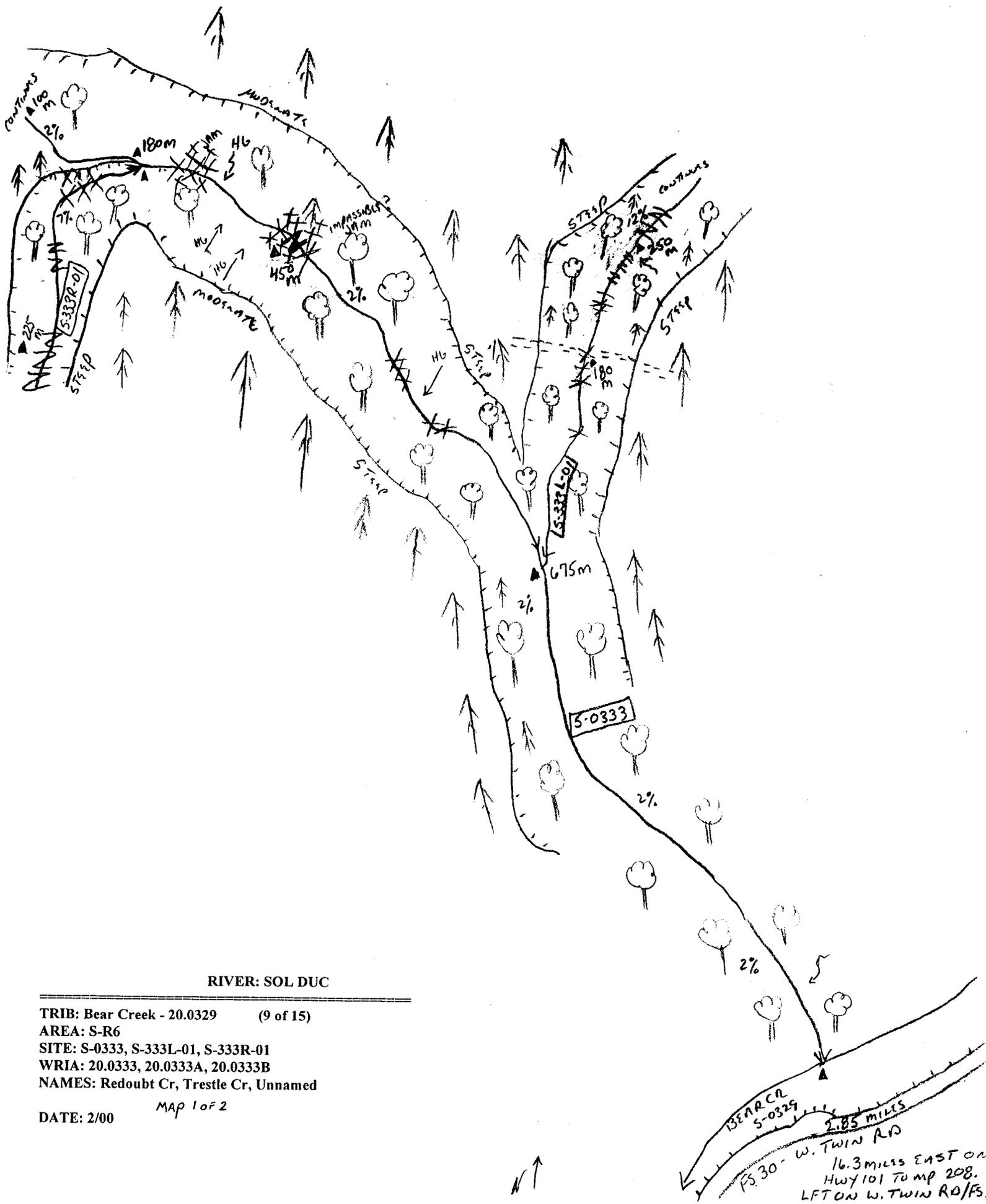
Enhancement opportunities:

Additional Comments:

Attachments Available:

Contact respective SSHEAR habitat biologist for the following checked items:

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



RIVER: SOL DUC

TRIB: Bear Creek - 20.0329 (9 of 15)

AREA: S-R6

SITE: S-0333, S-333L-01, S-333R-01

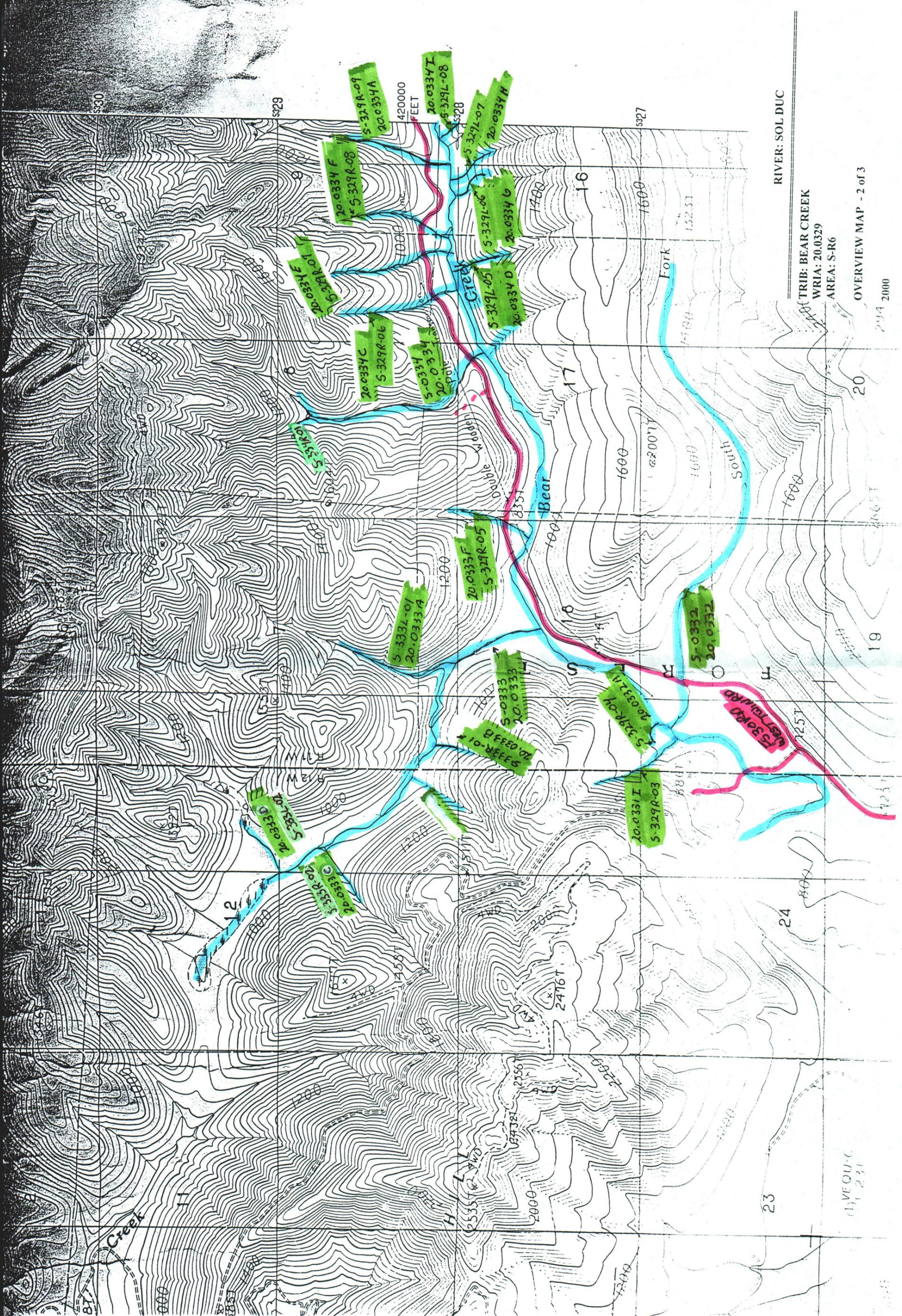
WRIA: 20.0333, 20.0333A, 20.0333B

NAMES: Redoubt Cr, Trestle Cr, Unnamed

DATE: 2/00

MAP 1 of 2

16.3 MILES EAST ON
Hwy 101 TO mp 208.
LFT ON W. TWIN RD/FS:



RIVER: SOL DUC

TRIB: BEAR CREEK
 WRIA: 20.0329
 AREA: S-R6

OVERVIEW MAP - 2 of 3

2000

Ransro 2/02

(1) VEQU-C
 1-231

20.0334 I
 S-329L-08
 42000
 FEET

20.0334 F
 S-329R-08

20.0334 E
 S-329L-07

20.0334 C
 S-329R-06

20.0334 D
 S-329L-06

20.0334 G
 S-329L-05

20.0333 F
 S-329R-05

20.0333 I
 S-329L-04

20.0333 B
 S-329R-04

20.0332 I
 S-329R-03

20.0332
 S-329L-02

20.0333 D
 S-329R-02

20.0333 G
 S-329L-01

20.0333 A
 S-329R-01

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