



Unaccessible habitat: Mainstem: Tribs: Total:

Spawning habitat conditions:  None  Poor  Fair  Good  Excellent

Describe spawning habitat: The gravel size ranges from 1" to 3"; there is good overhead cover; and the spawning gravel is located in a combination of pools and riffles.

Rearing habitat conditions:  None  Poor  Fair  Good  Excellent

Describe pond and other rearing habitat: In the first 40 meters of the site, it has pool/riffle habitat with a mostly gravel substrate and good brushy cover. From 40 meters to 66 meters, the stream is at 9% grade, is mostly riffled and has a good amount of LWD. From 66 meters to 95 meters, the stream gradient increases to 15% and is mostly cascades. At 122 meters, the stream gradient is at 18% and it steepens upstream.

Describe unaccessible habitat:

Wetland type:  Bog  Marsh  Scrub-shrub  Forested

Describe:

Flooding potential:  Low  Medium  High

Describe: There was no evidence of flooding found.

#### FISH INFORMATION

Site entry condition:  Poor  Fair  Good

Describe: The site enters at a riffle of the mainstem.

Coho access and use: Juvenile  Unknown  None  Poor  Fair  Good  
Adult  Unknown  None  Poor  Fair  Good

Describe: This site is accessible to coho and none were observed on the day of the survey.

Other species access and use:  Chum  Pink  Sockeye  Chinook  Trout

Describe: Trout can access this site.

ENHANCEMENT OPPORTUNITIES: None

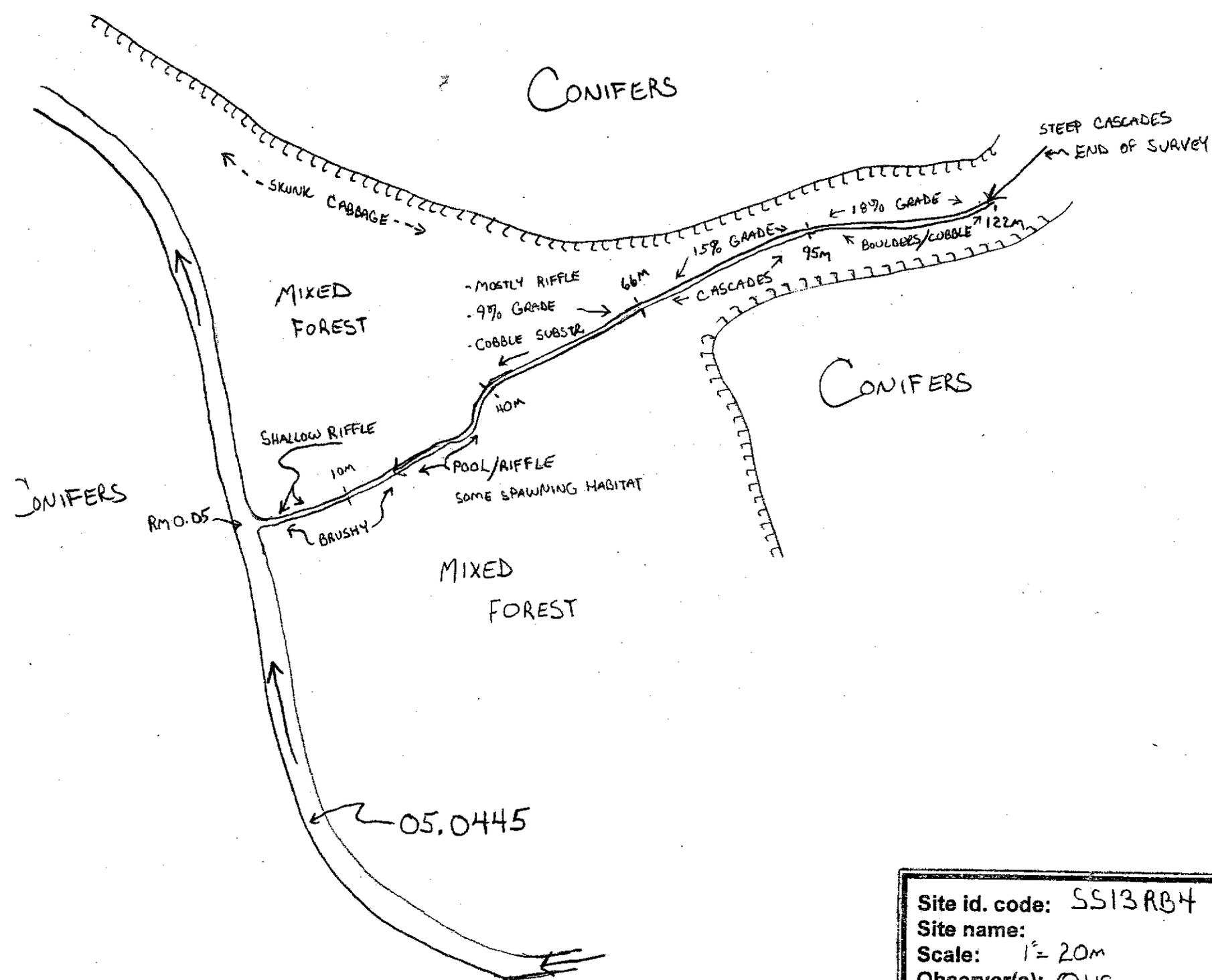
Project type:

Equipment access:

ADDITIONAL COMMENTS: The survey ended at steep cascades and a stream gradient over 20%.

#### ATTACHMENTS AVAILABLE

Aerials  Sketch  Maps  Spawning Surveys  Juvenile Trapping  
 Other References



Site id. code: SS13RB4

Site name:

Scale: 1" = 20m

Observer(s): OHS

Legal location: SE 1/4 S35T30N R10E

↑  
N

VER LOT RAN

23

2

1

0

° 30'

1 840 000 FEET

613

614

27° 30"

R. 10 E.

R. 11 E.

616

(MONTE CRISTO)  
1779 IV NW

SS13 RD

South

35

Palmer 36

32

Fork Stillaguamish

Stilwell

Palmer

1

12

FOREST

BOUNDARY

Morning Star Peak

Lewis Peak

5400

5668

5608

3908

1875

1819

2030

2205

2265

2361

2321

2302

2346

BLANK

Creek

South

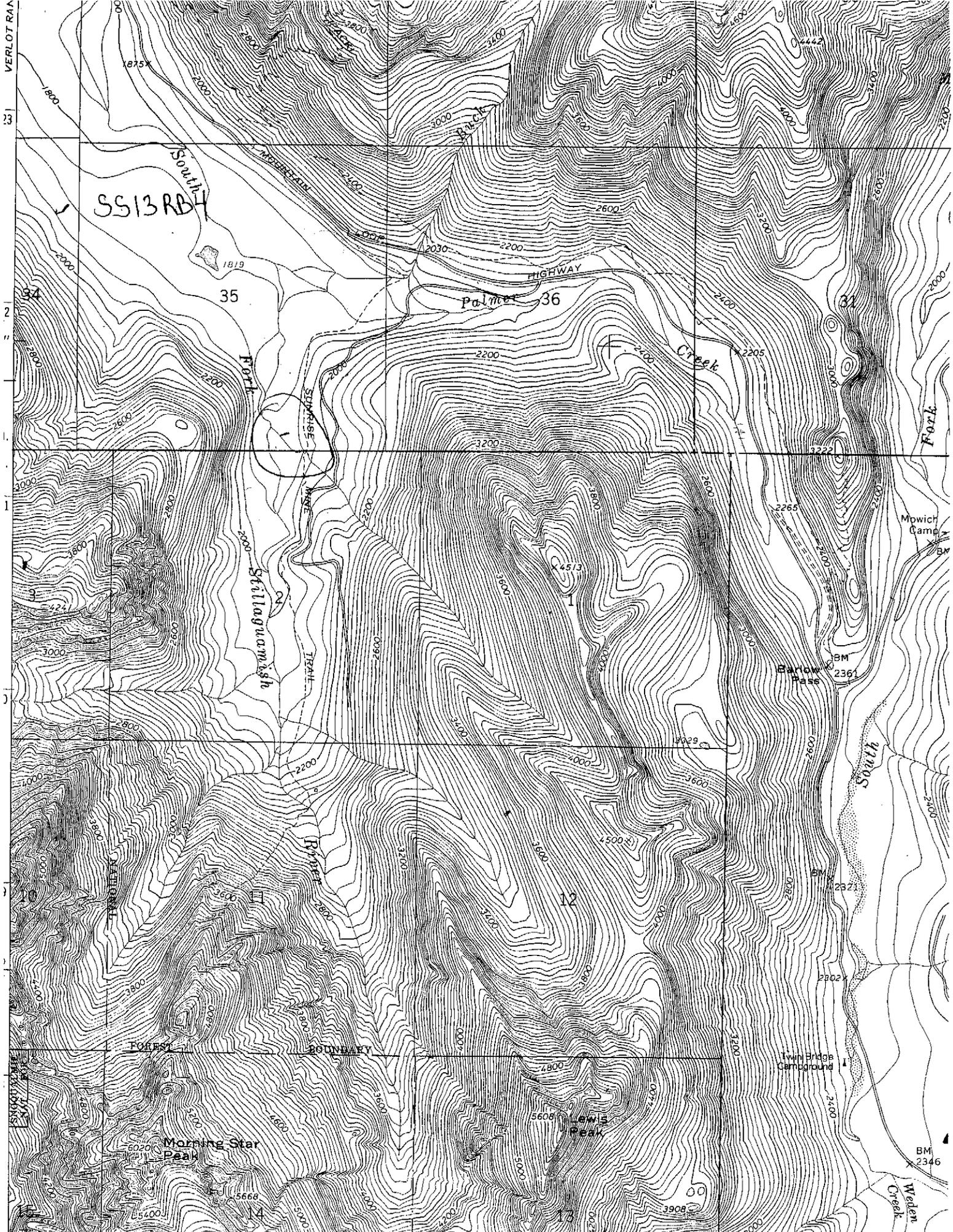
Fork

Mowich Camp

Barlow Pass

Twin Bridge Campground

Western Creek



SS13RB4

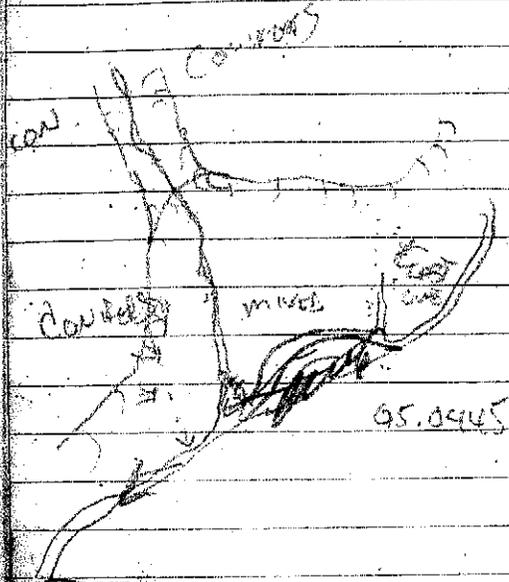
RM 0.05

SE 1/4 S35 T30N R10E

X-1759862

Y- 987670

18-9-02



SE STUDY

O.O. ENTRY

FLOW: 0.2 UP 0.2

ACROSS: FAIR RIFF GRAVEL

WT: 44 UP 44

RWT: 44

10m WWO.9 METERS

- SHALLOW RIFF

- MOSTLY GRAVEL

SUBSTRATE

40m 1.2m POOL/RIFF

- 8-10 m<sup>2</sup> SPAWN

- 1-3"

- 6000 COUNT

66m w/w 1.2m

- 9% grade
- mostly riffled
- COBBLE STRUCTURE
- Good amounts of wood
- ENTRANCE DRAW

95m w/w 1.2m

- 15% grade
- COBBLES

122m w/w 1.2m

- BOULDER COBBLE
- 18% grade
- STEPPENS UPSTREAM
- END OF SURVEY



### Comments

- SOME GOOD SPANNS
- HAB. ON BANKS
- FAIR REAKING
- LOW FLOOD
- SURFACE FLOW