

**SITE INFORMATION**

<b>Site Identifier :</b> WC3RB4	<b>Landowner Type :</b> Federal
<b>Site Name :</b>	<b>Landowner Name :</b> USFS
<b>WRIA :</b> 03.1116X	<b>Address :</b>
<b>Region :</b> NS	<b>Address2 :</b>
<b>Trib to :</b> White Chuck R	<b>City :</b>
<b>River Mile :</b> 9.35	<b>State :</b>
<b>River System :</b> White Chuck R	<b>Zipcode :</b>
<b>Legal Description :</b> NE1/4S19T31NR12E	<b>Phone :</b>
<b>County :</b> Snohomish	<b>Coordinates</b> East: 1,804,119.00 North: 1,034,168.00
<b>Habitat Type :</b> terrace tributary	

**Directions :**

From Darrington, head south on the Mountain Loop highway for approximately 8 miles to the FS 23 road. Turn left and go approximately 8.15 miles. Hike down to the river and the site.

**Area Overview :**

This trib flows for approximately 300m along the terrace wall before connecting to the mainstem. It has high flood potential throughout most of the site, a small amount of spawning habitat and a few juvenile salmonids were observed during the survey.

**Field Survey Information**

**Date :** 10/26/98      **Observer :** Olis      **Survey Type :** initial

**HABITAT INFORMATION**

**Water Source:**       Spring       Groundwater       Surface runoff

**Flow:**       Intermittent  Year-round

**Estimated Flows (cfs):**      Lower end: 0.3  
Upper end: 0.2

**Water Temperature(C):**      Lower end: 7.5  
Upper end: 6.7

**Receiving Water Temperature (C):** 6.4

**Other Observations:**

**Site Area Measurements:**       Indirect       Direct       Combination

Widths: Channel: 1.5      Ponds:      Wetlands:

Depths: Channel: 0.12      Ponds:      Wetlands:

Total length (includes ponds and wetlands): 340

**Total existing habitat area (est. m2):** 420

<b>Spawning area:</b>	<b>Mainstem:</b> 4	<b>Tribs:</b>	<b>Total:</b>
<b>Impounded area:</b>	<b>Mainstem:</b>	<b>Tribs:</b>	<b>Total:</b>
<b>Other rearing area:</b>	<b>Mainstem:</b> 420	<b>Tribs:</b>	<b>Total:</b>
<b>Unaccessible habitat:</b>	<b>Mainstem:</b>	<b>Tribs:</b>	<b>Total:</b>

Spawning habitat conditions:  None  Poor  Fair  Good  Excellent

Describe spawning habitat: In the lower section of the site the substrate consists of some cobble with gravel patches. The gravel is 2" to 3" and the water depth is low for spawners on day of survey. The overhead cover is fair and the cover within the channel is poor with little debris present.

Rearing habitat conditions:  None  Poor  Fair  Good  Excellent

Describe pond and other rearing habitat: This site is mostly slow-moving and pooled. It has good brushy cover, a mostly silty substrate with a fair amount of water parsley present.

Describe unaccessible habitat:

Wetland type:  Bog  Marsh  Scrub-shrub  Forested

Describe:

Flooding potential:  Low  Medium  High

Describe: There is a flood channel that comes into the site at 92m that probably flows during most flood events. At 234m there is another flood channel that comes in which appears to flow during more extreme events.

#### FISH INFORMATION

Site entry condition:  Poor  Fair  Good

Describe: There is a small eddy pool present at the entry.

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

Describe: A few juvenile salmonids were observed but it was unclear if they were coho or not. Site is also accessible to adults but none were observed during the survey.

Other species access and use:  Chum  Pink  Sockeye  Chinook  Trout

Describe: Site is accessible to trout and juvenile salmonids were observed.

ENHANCEMENT OPPORTUNITIES: None

Project type:

Equipment access:

ADDITIONAL COMMENTS: Survey ended at base of falls over a 12' terrace wall.

#### ATTACHMENTS AVAILABLE

Aerials  Sketch  Maps  Spawning Surveys  Juvenile Trapping  
 Other References

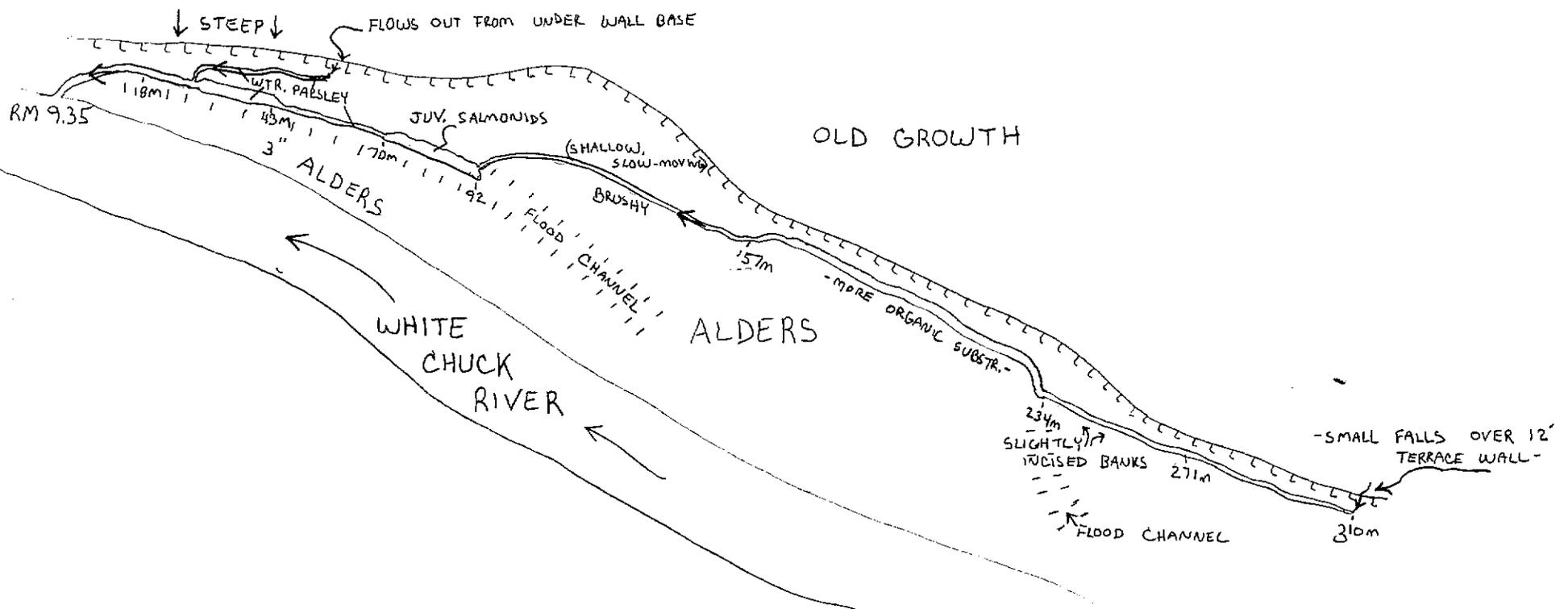
Site id. code: WC3RB4

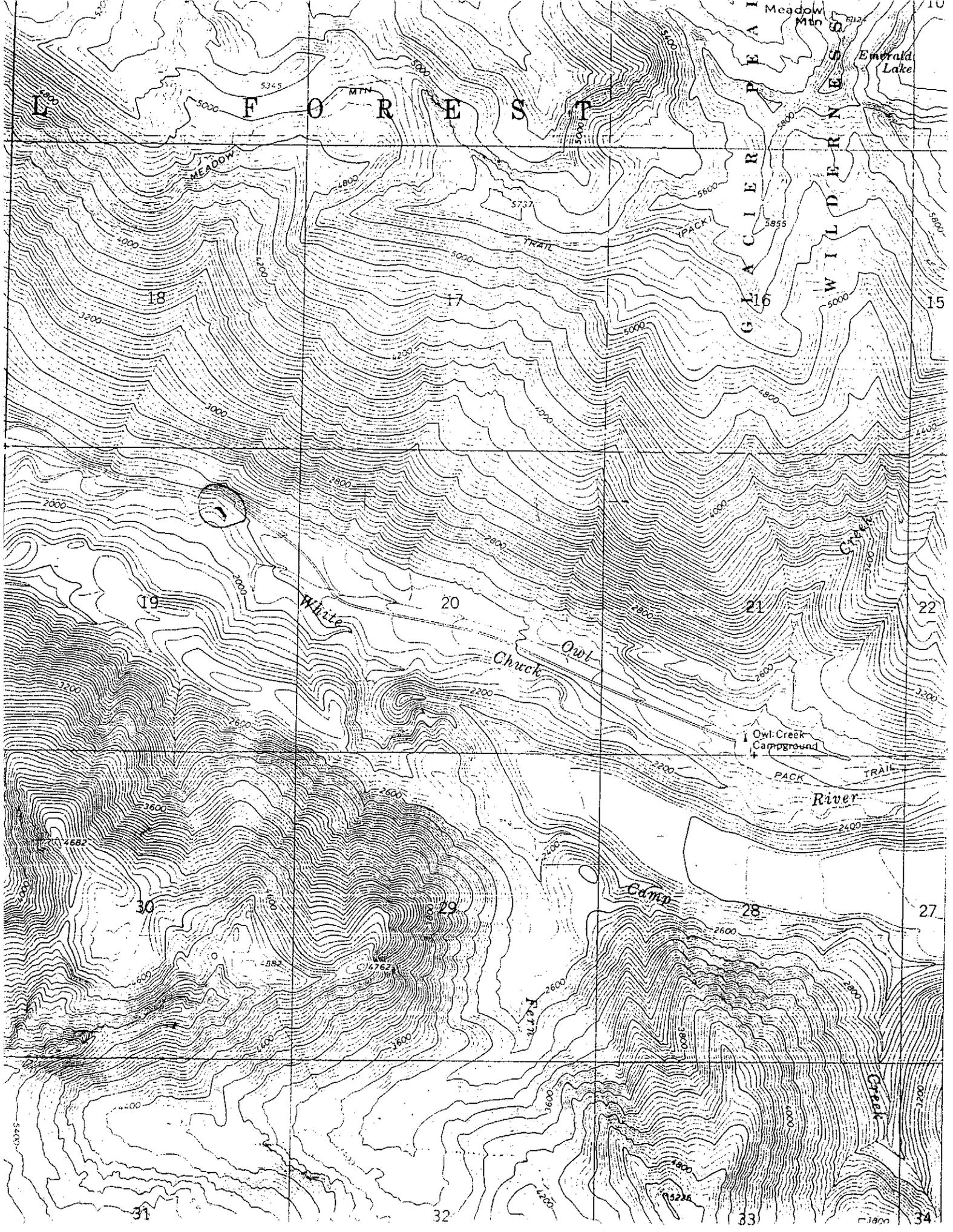
Site name:

Scale: 1" = 35m

Observer(s): OLIS

Legal location: NE 1/4 S19T31N R12E





10-26-98

B

WC3RB4

RM 9.35

NE 1/4 S19 T31 N12 E



O.O ENTRY

FLOW - 0.3 CFS  
 WT TEMP - 45.5°  
 R. WT TEMP - 43.5°  
 ACCESS - SM. BODY PR.

- 18m WU 1.5m
- SEEP ON RB
  - SOME COBBLE & GRAVEL.
  - 2m<sup>2</sup> SP HAB.
  - 50% POOLED
  - ALDER LWB.

25m FOLL ON RB  
 - FLOWS ALONG

WALL-BASE FOR 30  
m.

- HAS WTR P, SUBSTRATE  
AND IS 1m WIDE.

- WTR TEMP. IS 45°

- BACK ON MAIN STREET

43m WW 3m

- POOL

- SILTY BOTTOMED

70m WW 1m

- COBBLE - SLOW MOV.

92m WW 4m

- 75% POOL (SHAD)

- END OF HIGH FLOOD

ZONE - JUV SALMONID



157m WW 1m

- SH. SLOW MOV. - 60% P.

- GOOD BRUSHY COVER

- MOSTLY SILTY SUB

- @ BASE OF TERRACE

234m WW 2m

- SLOW MOVING

- SUBSTR MORE ORG.

W/ MORE WTR P.

- OLD GROWTH ON RB

& ALDERS ON LB

271m WW 1.5m

- SL. INCISED BANKS

- RIGHT AT TOE OF HILL

301m WW 1m

- @ 10" DROP  
PASSABLE

310m WW 1m

- COBBLE RIFF
- @ BASE OF SP  
FALLS OVER 12' TORRECE  
SLOPE. END OF HAB
- WTR TEMP. 44°

### COMMENTS

- FLOODY @ LOWER  
90 m
- JUV. SALMONIDS SEEN
- 4m<sup>2</sup> SP HAB (2'-3")  
LOW DEPTH.

- 
- SURFACE & SPRING
  - GOOD BEARING
  - 2" TO 6" DEEP
  - 1ST 250m MAY  
RELIEVE FLOW  
DURING EXTREME  
EVENTS.