

**SITE INFORMATION**

**Site Identifier :** WC3LB1 **Landowner Type :** Federal  
**Site Name :** **Landowner Name :** USFS  
**WRIA :** 03.1116X **Address :**  
**Region :** NS **Address2 :**  
**Trib to :** White Chuck R **City :**  
**River Mile :** 8.95 **State :**  
**River System :** White Chuck R **Zipcode :**  
**Legal Description :** NW1/4S19T31NR12E **Phone :**  
**County :** Snohomish  
**Habitat Type :** terrace tributary

**Coordinates**

**East:** 1,801,851.00 **North:** 1,034,421.00

**Directions :**

From Darrington, head south on the Mountain Loop highway for approximately 8 miles to the FS 23 road. Turn left and go approximately 8.4 miles to Owl Creek. Hike down to the river and then hike downstream approximately 0.8 miles. Cross the river to the site.

**Area Overview :**

A meandering, 250m long terrace trib that offers good rearing and a small amount of spawning habitat. 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: 0.1  
 Upper end: 0  
**Water Temperature(C):** Lower end: 5.8  
 Upper end: 6.1

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

**Other Observations:**

**Site Area Measurements:**  Indirect  Direct  Combination  
**Widths:** Channel: 1 **Ponds:** **Wetlands:**  
**Depths:** Channel: 0.12 **Ponds:** **Wetlands:**  
**Total length (includes ponds and wetlands):** 250

**Total existing habitat area (est. m2):** 260

<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> 260	<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: Consists of a pea gravel substrate with good brushy cover overhead. Marginal depth for adults on day of survey (surveyed during low flow period).

Rearing habitat conditions:  None  Poor  Fair  Good  Excellent

Describe pond and other rearing habitat: The lower half of the site is fed by a stream flowing over the terrace wall. It has a mostly silty substrate, is very brushy (vine maple and devils club), and has a fair amount of woody debris. The upper part is only 2" deep, muck-bottomed and spring fed.

Describe inaccessible habitat:

Wetland type:  Bog  Marsh  Scrub-shrub  Forested

Describe:

Flooding potential:  Low  Medium  High

Describe: There is a flood channel at the 25m point that appears fairly active. The trib at 155m can produce some high flows providing some instability below this point. The site seems fairly stable above 155m.

#### FISH INFORMATION

Site entry condition:  Poor  Fair  Good

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

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

Describe: Site is accessible to both juveniles and adults. A few juvenile salmonids were observed on day of survey.

Other species access and use:  Chum  Pink  Sockeye  Chinook  Trout

Describe: Site appears accessible to and suitable for trout.

ENHANCEMENT OPPORTUNITIES: None

Project type:

Equipment access:

ADDITIONAL COMMENTS: The left fork is approximately 50% grade with steep cascades as it flows over the terrace wall.

#### ATTACHMENTS AVAILABLE

Aerials  Sketch  Maps  Spawning Surveys  Juvenile Trapping  
 Other References

Site id. code: WC3LBI

Site name:

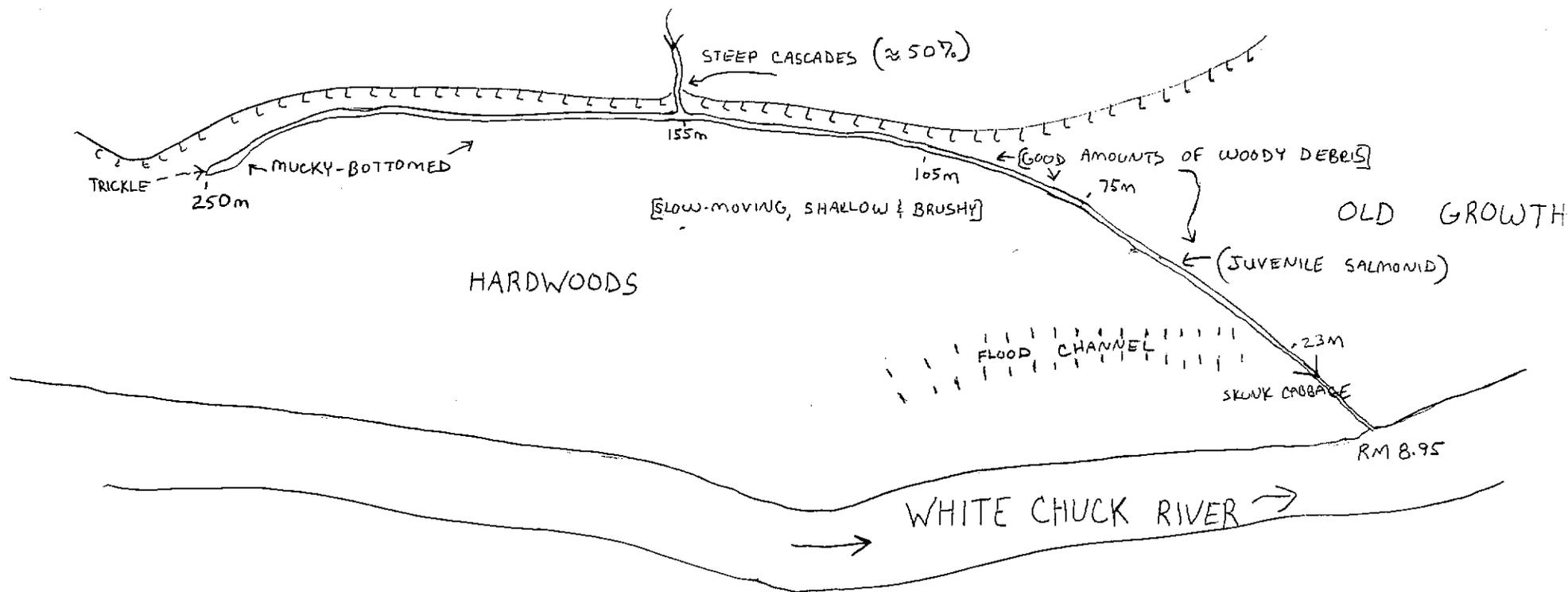
Scale: 1" = 30m

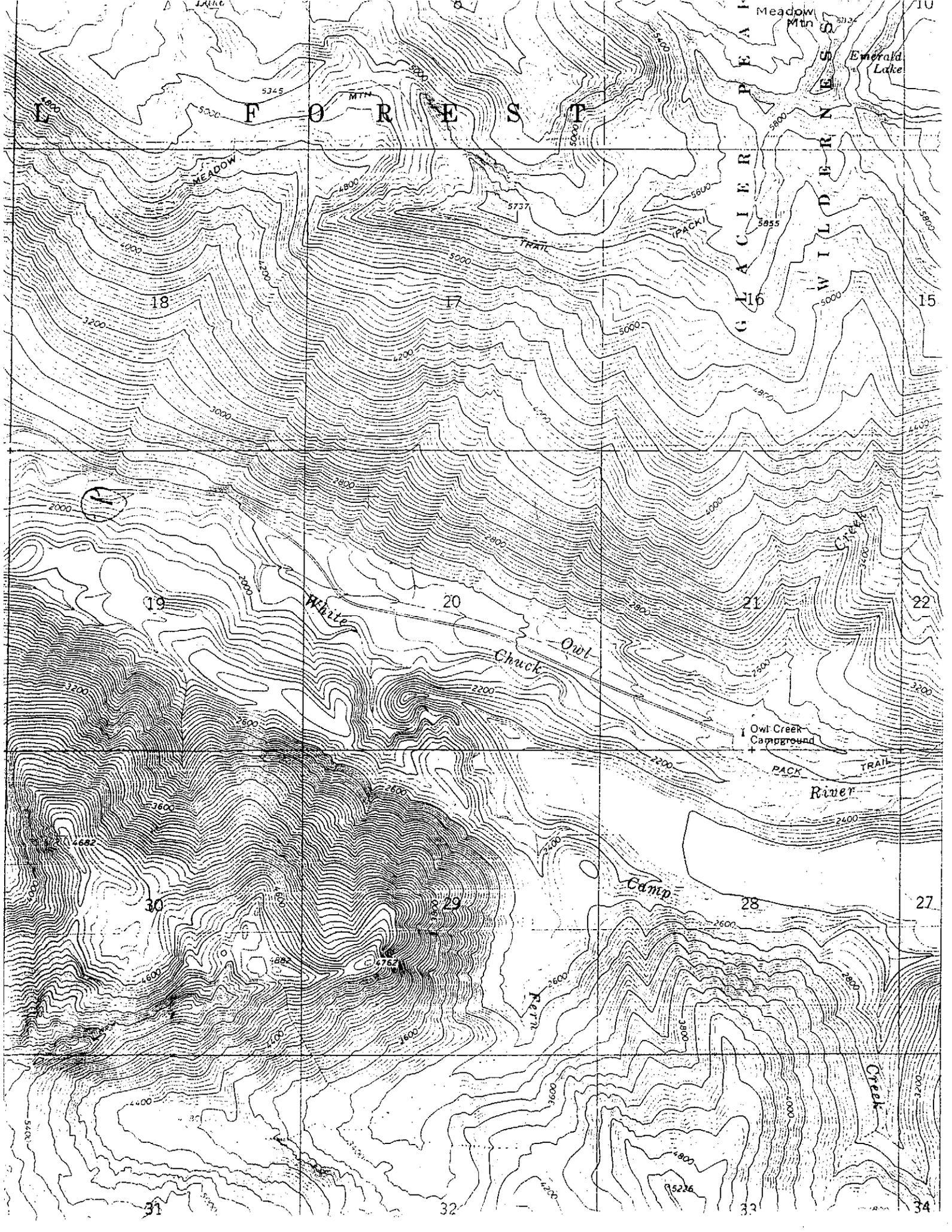
Observer(s): OLIS

Legal location: NW 1/4 S19 T31 N R12 E



OLD GROWTH





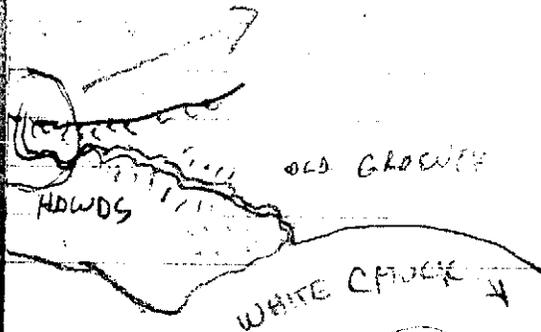
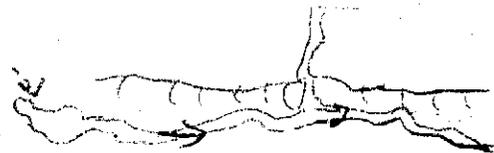
WC3LBI

RM 8.95

NW 1/4 S19 T31 N12 R12 E

(10-26-98)

A



O.O. ENTRY

- FLOW - 0.1 CFS
- WTR TEMP - 42.5°
- R WTR TEMP - 43.5°
- ACCESS - VERY SMALL
- EDDY POOL

23m - WW 0.5m

- 39/20
- SILTY SUBSTRATE
- GOOD COVER
- FLOOD CH. ON RB
- SKUNK CAB.

75m WW 1m

- SLOW - MOV. 50% POOL
- GOOD AM. OF WOODS
- P-GR & SAND
- ~ 3'-6" DEEP
- JUV. SALMON SEEN

105m WW 1m

- VERT BRUSHY DEVICES
- CLUB, VINE M.
- @ TERRACE W/IN

155m WW 1m

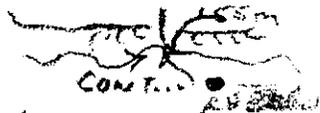
- 75% SHALLOW RIFFS
- @ BIT. OF STEEP CASCADS (50%)



WTR TEMP - 42.5°

COMMENTS

- FLOODY ON LOWER END (~50m)
- ~ 4m<sup>2</sup> OF SPAWN HAB W FINE → P GR.
- GOOD COVER / MARG D.
- GOOD READING (JUV PR)
- GOOD MEANDER
- SURFACE FED ? & SPRING



88m WW 1m

- 2" DEEP GABLY MUD
- LEAF CHOKED BLOW
- ALONG TERRACE

250M

~~15~~ m WW 4m POOL

- MUCK BOTTOMED

- SMALL BLEEDER WLET

- END OF HAB

WTR TEMP. 43°

GOOD READING

