

**SITE INFORMATION**

**Site Identifier :** WC4RB1 **Landowner Type :** Federal  
**Site Name :** **Landowner Name :** USFS  
**WRIA :** 03.1116X **Address :**  
**Region :** NS **Address2 :**  
**Trib to :** White Chuck R **City :**  
**River Mile :** 11.35 **State :**  
**River System :** White Chuck R **Zipcode :**  
**Legal Description :** SW1/4S21T31NR12E **Phone :**  
**County :** Snohomish  
**Habitat Type :** terrace tributary

<b>Coordinates</b>	
<b>East:</b> 1,811,400.00	<b>North:</b> 1,030,279.00

**Directions :**  
 From Darrington, head south on the Mountain Loop highway for approximately 8 miles to the FS 23 road. Turn left and go approximately 9.4 miles. Hike down to the river and the site.

**Area Overview :**  
 This is a spring fed trib that is 273m long and appears to have high flood potential. It offers a small amount of spawning habitat and good rearing. A 12" dolly varden was observed on day of the survey.

**Field Survey Information**

**Date :** 10/27/98 **Observer :** Olis **Survey Type :** initial

**HABITAT INFORMATION**

**Water Source:** (X) Spring (X) Groundwater ( ) Surface runoff

**Flow:** ( ) Intermittent (X) Year-round

**Estimated Flows (cfs):** Lower end: 0.4  
 Upper end: 0.1

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

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

**Other Observations:**

**Site Area Measurements:** ( ) Indirect (X) Direct ( ) Combination

Widths: Channel: 2 Ponds: Wetlands:  
 Depths: Channel: 0.15 Ponds: Wetlands:  
 Total length (includes ponds and wetlands): 273

**Total existing habitat area (est. m2):** 395

<b>Spawning area:</b>	<b>Mainstem:</b> 5	<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> 395	<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 2" to 4" gravel with little overhead cover or in-channel cover.

Rearing habitat conditions:  None  Poor  Fair  Good  Excellent

Describe pond and other rearing habitat: This site is 50% pooled with a silty substrate. It has a fair amount of cover from brush with little woody debris. There is a middle section that has canary grass along both edges as the water flows through small moss covered boulders.

Describe unaccessible habitat:

Wetland type:  Bog  Marsh  Scrub-shrub  Forested

Describe:

Flooding potential:  Low  Medium  High

Describe: Site probably receives flow during large events as the channel appears relatively clean. However, there are many small moss covered boulders indicating velocities are fairly low in this site most of the time.

#### FISH INFORMATION

Site entry condition:  Poor  Fair  Good

Describe: There is a small eddy pool at entry.

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

Describe: This site appears accessible to both juveniles and adults but neither were observed during the survey.

Other species access and use:  Chum  Pink  Sockeye  Chinook  Trout

Describe: Site is accessible to trout. A 12" dolly varden was observed in the lower reach of this site as well as a possible dolly varden redd.

ENHANCEMENT OPPORTUNITIES: None

Project type:

Equipment access:

ADDITIONAL COMMENTS: At the head end of the site, water flowed out from under the terrace wall.

#### ATTACHMENTS AVAILABLE

Aerials  Sketch  Maps  Spawning Surveys  Juvenile Trapping  
 Other References

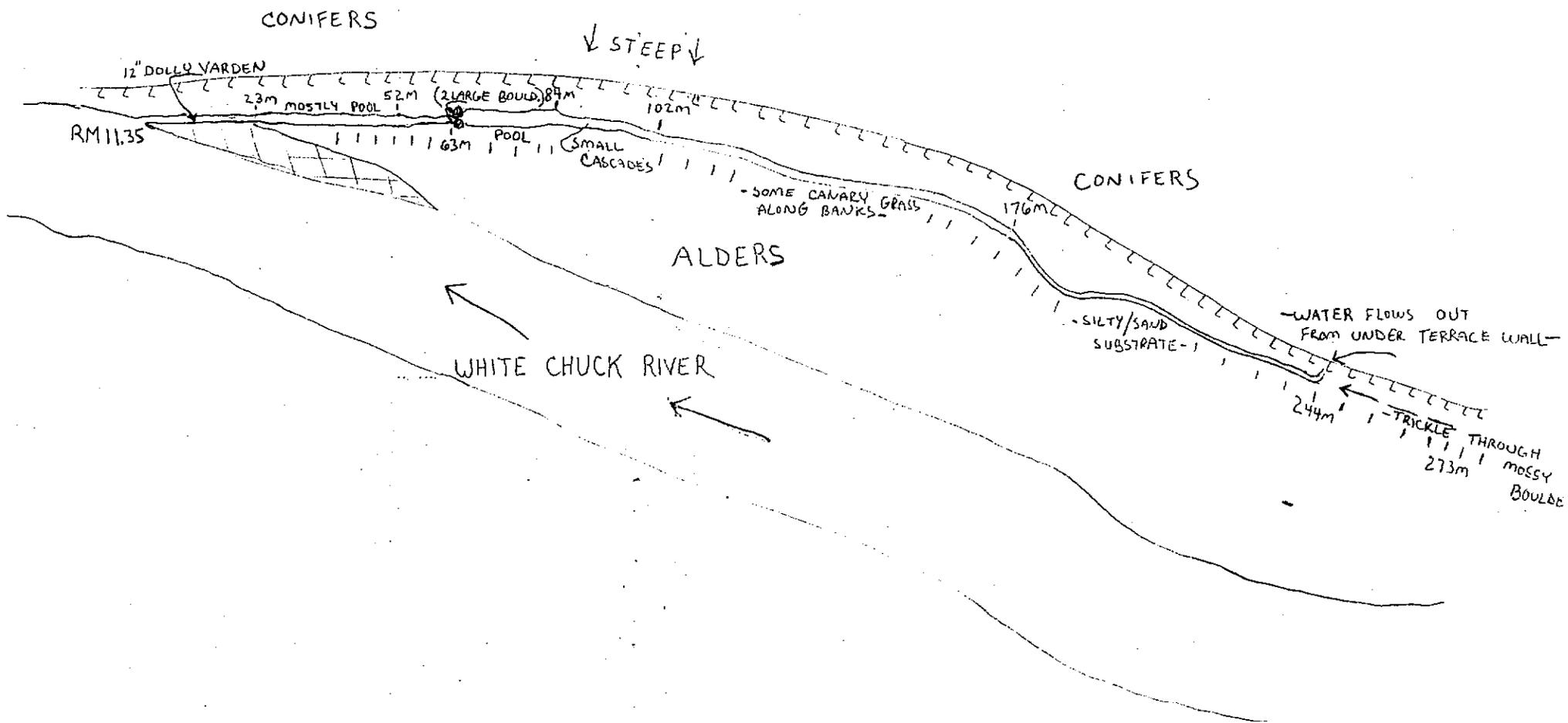
Site id. code: WC4RBI

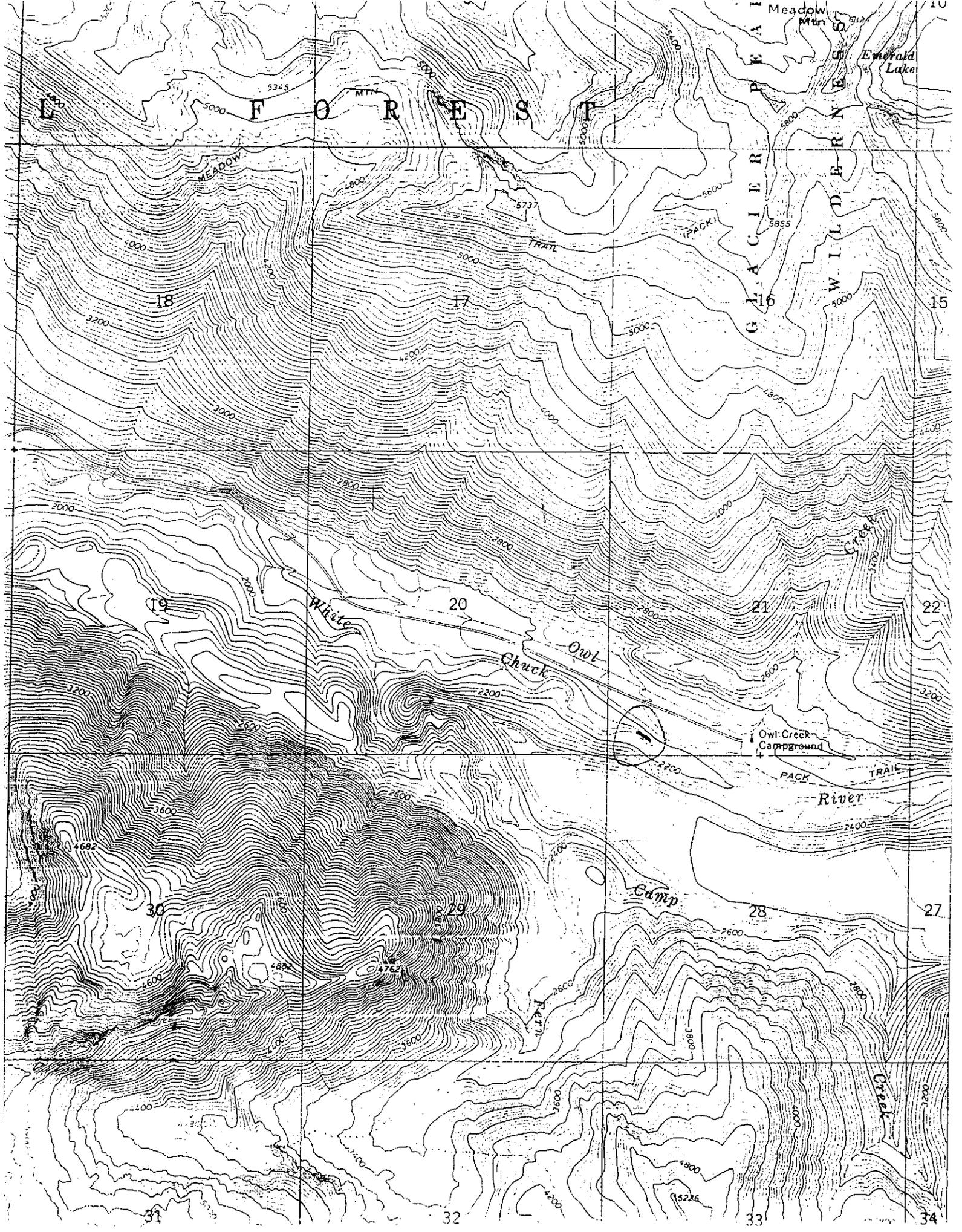
Site name:

Scale: 1" = 30m

Observer(s): OLIS

Legal location: SW 1/4 S21 T31 N12 E







600m WW 2m

- SMALL CASCADE  
THRU MOSS COVERED  
BOULDERS - PASSABLE

84m WW 3m pool

102m WW 2m

- SMALL CASE THRU  
MOSSY BOULDERS

176m WW 1.5m

- SOME CANALY GRASS  
ALONG BANKS

244m WW 1m

- SILTY/SAND

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WATER FLOWS OUT  
OF TERRACE WALL.

- SWALE CONT TO

273m AS WATER

IS BARELY TRICKLING  
THRU MOSSY Boulders

- MAY RECEIVE FLOW  
DURING HIGH - EXTR. ELEV

COMMENTS

- HIGH FLOOD - OVER

FLOW ON WITH GR.

INFLUENCE - DOLLY

SEEN - NO JUV. - SM.

AMOUNT OF SP HAB -

GOOD REARING

- LOW FLOW PERIOD,