

SITE INFORMATION

Site Identifier : WC4LB3 **Landowner Type :** Federal
Site Name : **Landowner Name :** USFS
WRIA : 03.1116X **Address :**
Region : NS **Address2 :**
Trib to : White Chuck R **City :**
River Mile : 11.90 **State :**
River System : White Chuck R **Zipcode :**
Legal Description : NE1/4S28T31NR12E **Phone :**
County : Snohomish
Habitat Type : 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 10.5 miles to the trail head. Hike down the trail for approximately 0.15 miles, then down to the river and the site.

Area Overview :

This is a 242m long terrace trib that is spring fed as water flows out from under the terrace wall at its origin. It offers a small amount of good rearing but no spawning habitat.

Field Survey Information

Date : 10/27/1998 **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: < 0.1

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

Receiving Water Temperature (C):

Other Observations: No thermometer on day of survey.

Site Area Measurements: Indirect Direct Combination

Widths: Channel: 1m Ponds: Wetlands:
Depths: Channel: 10cm Ponds: Wetlands:

Total length (includes ponds and wetlands): 242m

Total existing habitat area (est. m2): 320

| | | | |
|-----------------------|---------------|--------|--------|
| Spawning area: | Mainstem: | Tribs: | Total: |
| Impounded area: | Mainstem: | Tribs: | Total: |
| Other rearing area: | Mainstem: 320 | Tribs: | Total: |
| Unaccessible habitat: | Mainstem: | Tribs: | Total: |

Spawning habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat:

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat: Just above the gravel bar there is a 21m by 7m pool that is 1' deep in places, has a silt substrate and is coated with algae. Above this point, the site is a 1m wide channel with shallow, slow-moving water and is choked with leaves. The upper 140m has mostly moss covered cobble and small boulders in the channel.

Describe inaccessible habitat:

Wetland type: Bog Marsh Scrub-shrub Forested

Describe:

Flooding potential: Low Medium High

Describe: At 142m an old flood channel comes in on the right bank. The channel at this point has moss covered cobble in it, indicating that when it does flood, it is probably low velocity. The lower 35m of the site is flooded more frequently.

FISH INFORMATION

Site entry condition: Poor Fair Good

Describe: No pool present at the entry, as the water works its way down a gravel bar into mainstem riffles.

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

Describe: No fish were observed during the survey. It is accessible to juveniles and there was no spawning habitat found. On the day of the survey, the channel was dry from the 35m point to 82m, isolating the habitat at the upper end.

Other species access and use: Chum Pink Sockeye Chinook Trout

Describe: Trout can access this site and there is good rearing available for them.

ENHANCEMENT OPPORTUNITIES: None

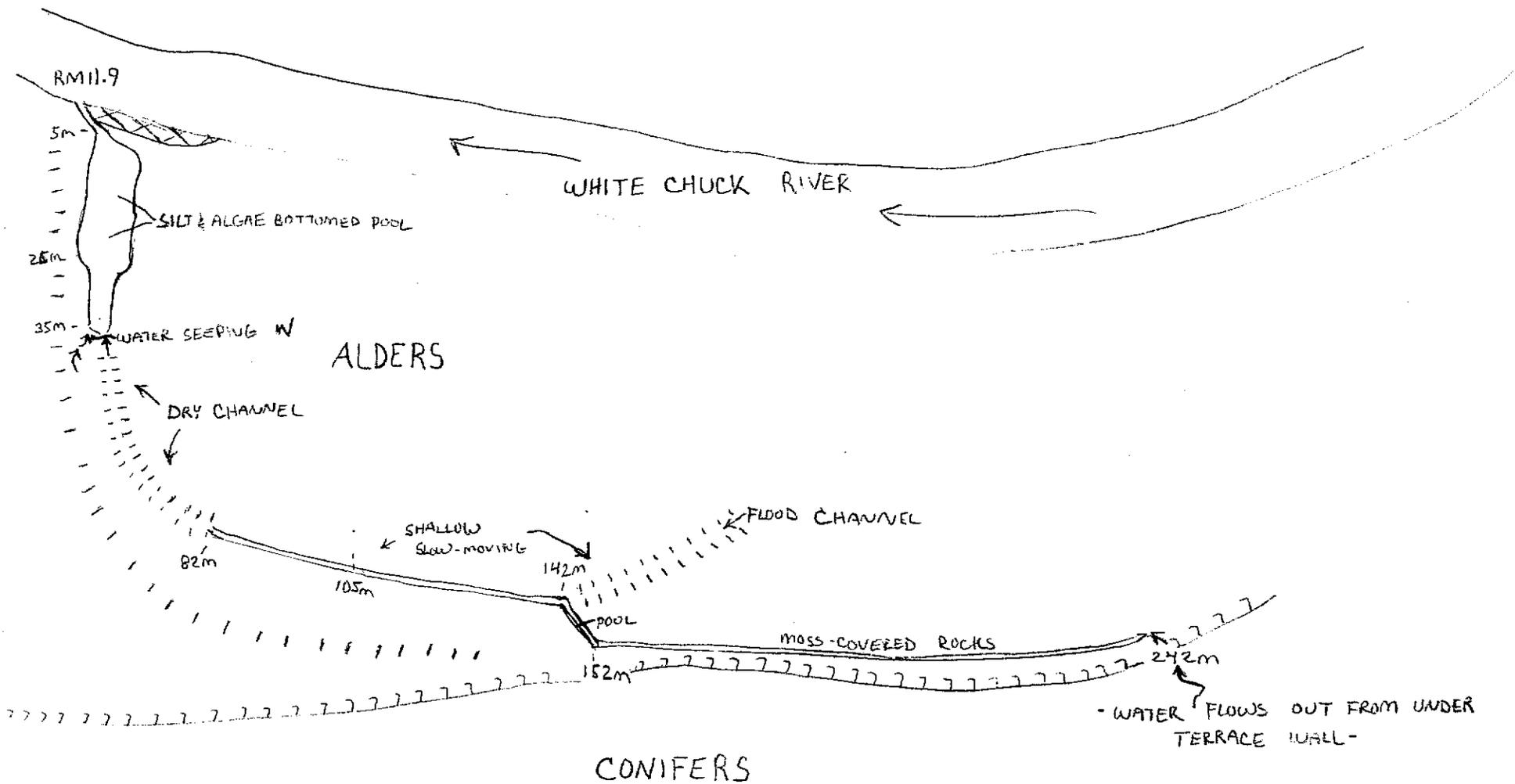
Project type:

Equipment access:

ADDITIONAL COMMENTS: The survey ended where the water flows out from under terrace wall. Also, the survey was done during a low flow period, which may explain why the channel was dry from the 35m point to 82m.

ATTACHMENTS AVAILABLE

Aerials Sketch Maps Spawning Surveys Juvenile Trapping
 Other References



Site id. code: WC4LB3

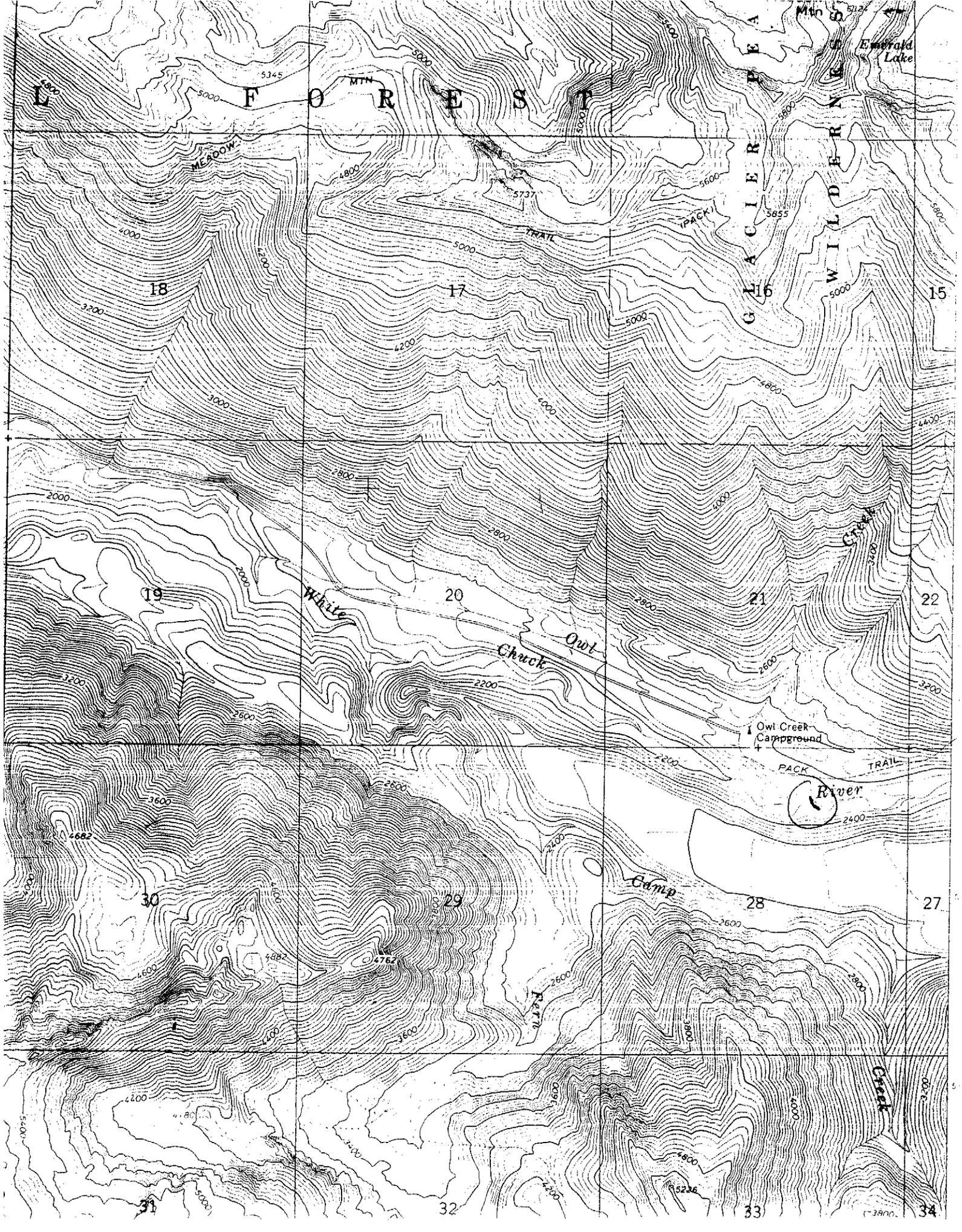
Site name:

Scale: 1" = 25m

Observer(s): OLS

Legal location: NE 1/4 S28T31N R12E





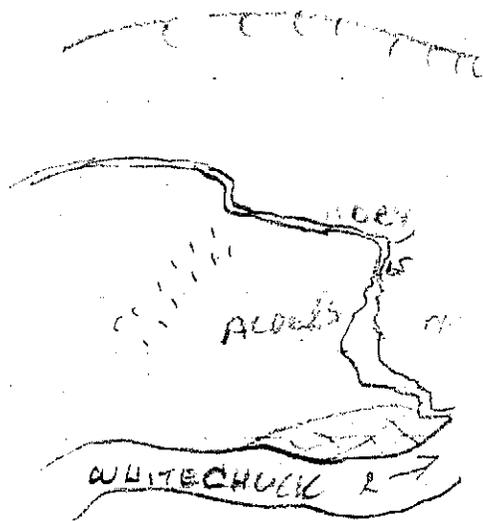
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WC4LB3

RM 11.9

NE 1/4 S28 T31 N12 E



0.0 ENTRY

FLOW - 0.1 CFS

TEMP - NO TH

R TEMP - 43.5°

ACCESS - NO POOL

5m WWD 1m

- 50% POOL

- COBBLE - WORKS 1/2
WAY DOWN GR BAR

26m WWD 7m

POOL - 1' DEEP

- SILT & ALGAE COV.

BOTTOM

35m WW 4m
- POOL SHALLOW
- 2 SEEPS ON LB

82m DRU CH,
- 0.5m IN WIDTH
- FILLED W/ LEAVES

105m WW 1m
- SHALLOW (LEAF COVER)

142m WW 0.5m
- MOSS COBBLE
- OLD FLOOD CH ON RB

152m WW 1m



... SHALLOW POOL

242m WW 0.5m
SIDE-MOSS COVERED CORNER
- BARELY FLOWING
- ALONG TERRACE WALL
- CONIFERS ON LB
- ALDERS ON RB
- WTR FLOWS FROM W. TERRACE.

COMMENTS

- NO FISH SEEN
- TERRACE TRIP
- GL? OR SPR?
- NO FISH OR SP. FIB
- GOOD HAB WHEN CHMP
- RGED VP MOD. HIGH FIB
- D BOUNDED TERRACE