

SITE INFORMATION

Site Identifier :	WC4LB6	Landowner Type :	Federal
Site Name :		Landowner Name :	USFS
WRIA :	03.1116X	Address :	
Region :	NS	Address2 :	
Trib to :	White Chuck R	City :	
River Mile :	10.45	State :	
River System :	White Chuck R	Zipcode :	
Legal Description :	SW1/4S20T31NR12E	Phone :	
County :	Snohomish	Coordinates	
Habitat Type :	overflow channel	East:	1,806,857.00 North: 1,031,499.00

Directions :

From Darrington, head south on the Mountain Loop highway for approximately 8 miles to the FS 23 road. Turn left and go approximately 9.3 miles. Hike down to the river and the site.

Area Overview :

A short channel that flows out from under a high, steep cut bank. The site has high flood potential, a small amount of rearing and no spawning habitat.

Field Survey Information

Date : 10/28/98 **Observer :** Olis **Survey Type :** initial

HABITAT INFORMATION

Water Source: Spring Groundwater Surface runoff

Flow: Intermittent Year-round

Estimated Flows (cfs): Lower end: 0.25
Upper end: 0.1

Water Temperature(C): Lower end: 5
Upper end: 4.7

Receiving Water Temperature (C): 3.9

Other Observations:

Site Area Measurements: Indirect Direct Combination

Widths: Channel: 2	Ponds:	Wetlands:
Depths: Channel: 0.1	Ponds:	Wetlands:
Total length (if includes ponds and wetlands): 55		

Total existing habitat area (est. m2): 118

Spawning area:	Mainstem: 8	Tribs:	Total:
Impounded area:	Mainstem:	Tribs:	Total:
Other rearing area:	Mainstem: 118	Tribs:	Total:
Unaccessible habitat:	Mainstem:	Tribs:	Total:

Spawning habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat: The substrate is pea gravel and there is little in-channel cover. The site is very shallow on day of survey but it was surveyed during a low flow period. Spawning habitat appears more suitable for trout.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat: It is an alder lined channel that has very slow moving and pooled water that is only three inches deep. There is good brushy cover along the banks but the channel appears clean from any woody debris. There is also a small amount of water parsley present.

Describe inaccessible habitat:

Wetland type: Bog Marsh Scrub-shrub Forested

Describe:

Flooding potential: Low Medium High

Describe: It appears that the river flowed along the cut bank and through this site in the past. Fill from the cut bank and woody debris is presently keeping the river at bay.

FISH INFORMATION

Site entry condition: Poor Fair Good

Describe: There is no pool present at the entry area.

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

Describe: There were no fish observed but site is accessible to both adults and juveniles.

Other species access and use: Chum Pink Sockeye Chinook Trout

Describe: Site is accessible to trout and offers some good spawning habitat for them.

ENHANCEMENT OPPORTUNITIES: None

Project type:

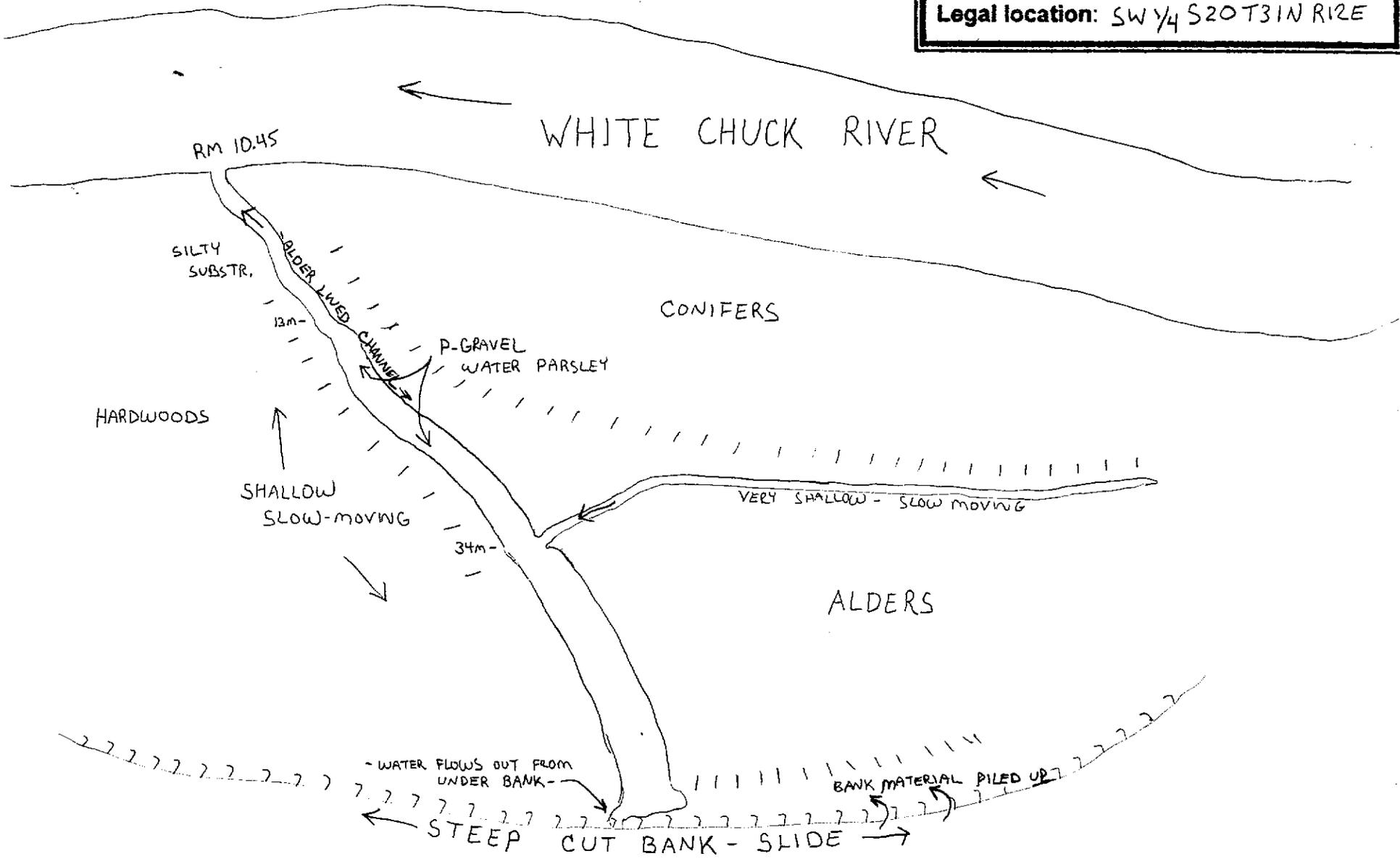
Equipment access:

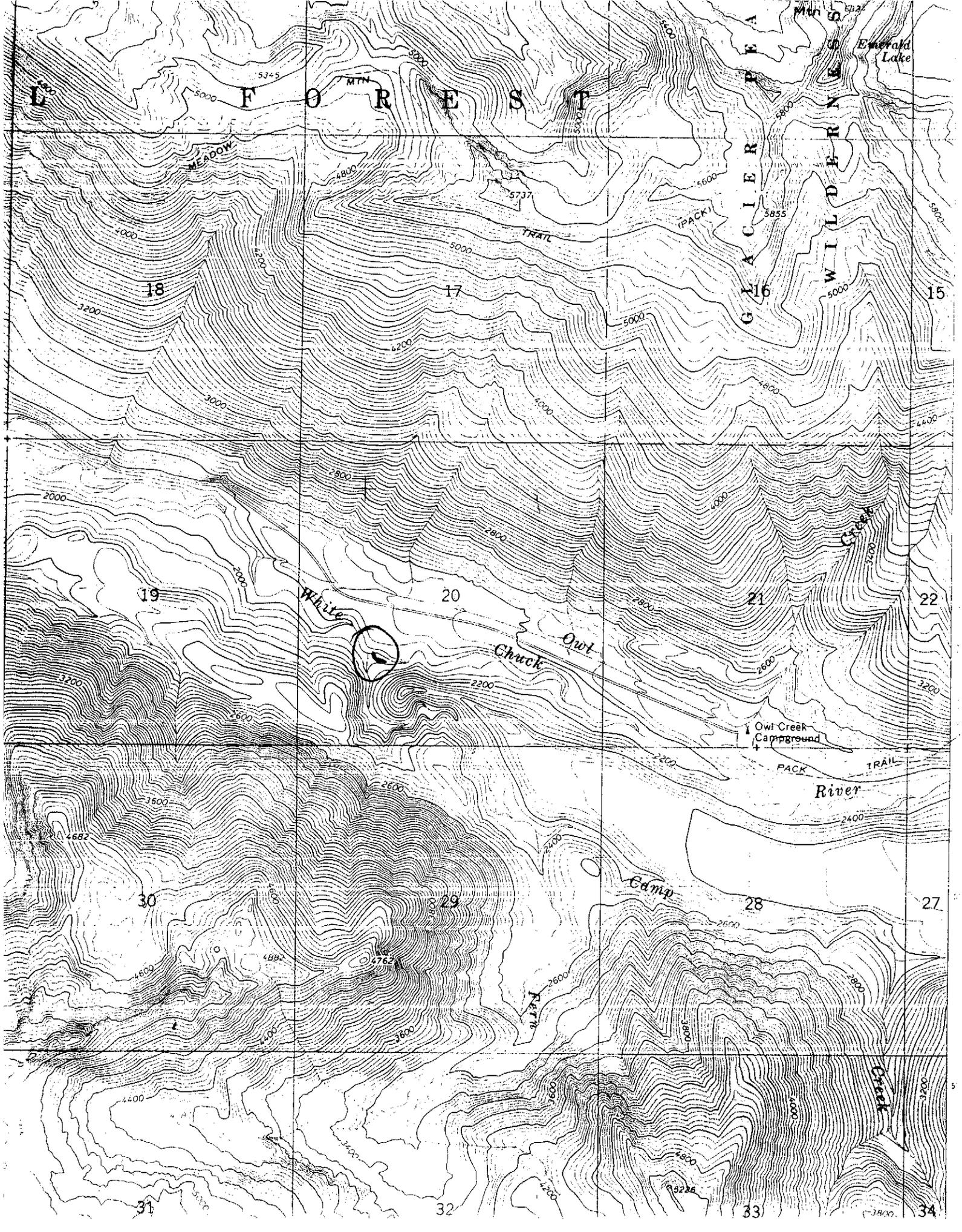
ADDITIONAL COMMENTS: There is a trib on the right bank that is 46m long and 0.5m wide. It offers a small amount of rearing but is very shallow during this low flow period.

ATTACHMENTS AVAILABLE

Aerials Sketch Maps Spawning Surveys Juvenile Trapping
 Other References

Site id. code: WC4LB6
Site name:
Scale: 1" = 10m
Observer(s): OHS
Legal location: SW 1/4 S20T31N R12E



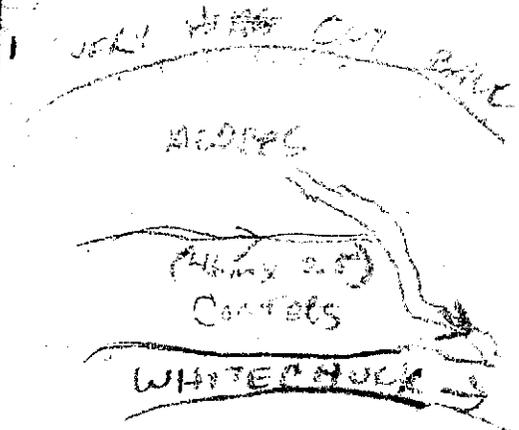


10-28-98

WC4 LB6

RM 10.45

SW 1/4 S20 T31N R12E



0.0 ENTRY

- FLOW 0.25 CFS
- TEMP 41°
- R. TEMP 39°
- ACCESS - NO POOL

13m WWD 1m

- SHALLOW - SCUM
- MOVING
- SILTY SUB

34m WWD 2m

- SHALLOW - 9.2 MOV
- ALONG LINED
- WTR PARS
- P-GR SUBSTR
- TRIB ON RB (40-50)

55m WW 3m

- FLOWS OUT
FROM UNDER CUT
BANK.

WTR TEMP - 40.5°

Comments

- HIGH FLOOD. NO SIG.
- CUT BANK DEPOSIT
FILL INTO HEAD
END - SOMEWHAT
PROTECTING
- ~~GEN~~ REMAINING
- NO SPAWN.
- 3" DEEP