SITE INFORMATION

Site Identifier : WC3RB3
Site Name :
WRIA : 03.1116X
Region : NS
Trib to : White Chuck R
River Mile : 8.70
River System : White Chuck R
Legal Description : NW1/4S19T31NR12E
County : Snohomish
Habitat Type : terrace tributary

Landowner Type : Federal
Landowner Name : USFS
Address :
Address2 :
City :
State :
Zipcode :
Phone :

Directions :
From Darrington, head south on the Mountain Loop highway for approximately 8 miles to the FS 23 road. Turn left and go approximately 7.5 miles. Hike down to the river and the site.

Area Overview :
A short trib with some groundwater influence that offers a small amount good rearing but no spawning habitat.

Field Survey Information

Date : 10/22/1998 **Observer :** Olis **Survey Type :** initial

HABITAT INFORMATION

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

Flow: ( ) Intermittent(X) Year-round

Estimated Flows (cfs): Lower end: < 0.1
Upper end: None

Water Temperature(C): Lower end: 7.2
Upper end: 9.4

Receiving Water Temperature (C): 4.7

Other Observations:

Site Area Measurements: ( )Indirect (X) Direct ( ) Combination
Widths: Channel: 2.5m Ponds: Wetlands:
Depths: Channel: 18cm Ponds: Wetlands:
Total length (includes ponds and wetlands): 155m

Total existing habitat area (est. m2): 366

Spawning area:	Mainstem:	Tribs:	Total:
Impounded area:	Mainstem:	Tribs:	Total:
Other rearing area:	Mainstem: 366	Tribs:	Total:
Unaccessible habitat:	Mainstem:	Tribs:	Total:

Spawning habitat conditions: (X) None ( ) Poor ( ) Fair ( ) Good ( ) Exellent

Describe spawning habitat:

Rearing habitat conditions: ( ) None ( ) Poor ( ) Fair (X) Good ( ) Exellent

Describe pond and other rearing habitat: This site has mostly pooled habitat with a muddy substrate. It also has water parsley and canary grass in places as well as good cover from vine maple and devils club. There is a 18m section that is covered with downfall and tree litter where the stream is difficult to follow.

Describe unaccessible habitat:

Wetland type: ( ) Bog ( ) Marsh ( ) Scrub-shrub ( ) Forested

Describe:

Flooding potential: ( ) Low (X) Medium ( ) High

Describe: The initial 95m may recieve flow during major flood events while the upper section appears to be more protected.

FISH INFORMATION

Site entry condition: ( ) Poor ( ) Fair (X) Good

Describe: There is a pool present at the entry area.

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

Describe: There is no spawning habitat for adults and although no juveniles were observed, the site can be easily accessed by them.

Other species access and use: ( ) Chum ( ) Pink ( ) Sockeye ( ) Chinook (X) Trout

Describe: No trout were observed during the survey but site is accessible to them.

ENHANCEMENT OPPORTUNITIES: None

Project type:

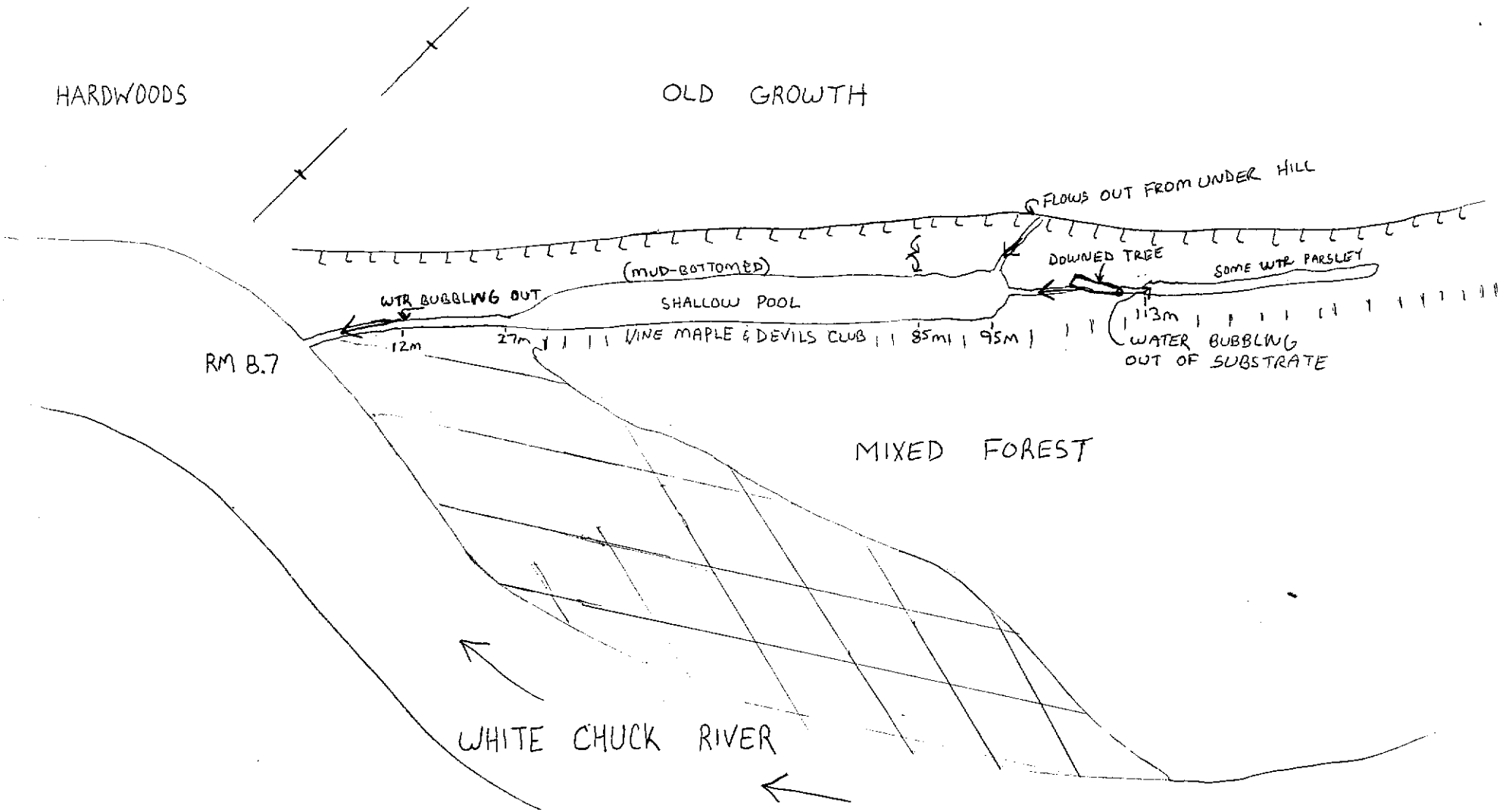
Equipment access:

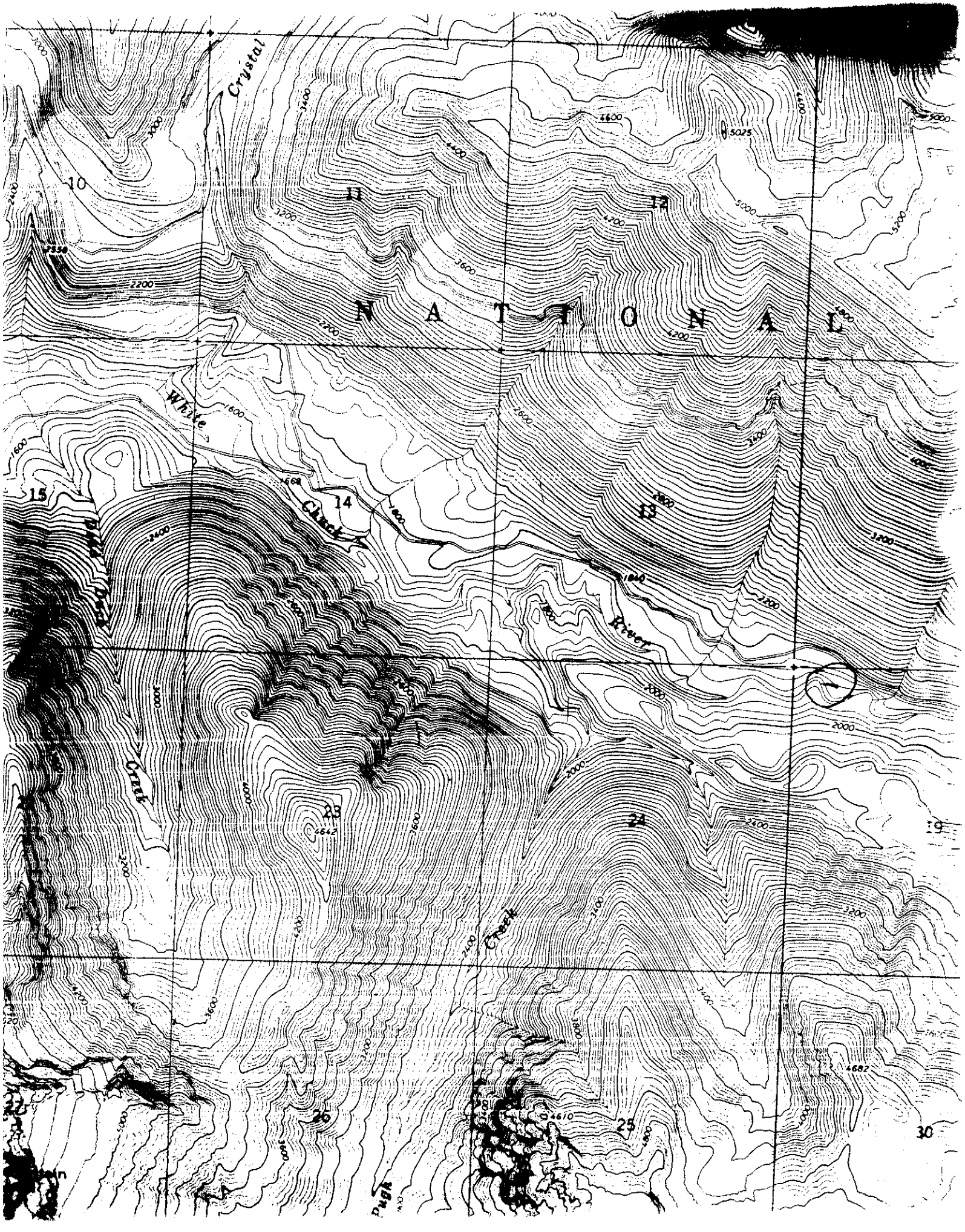
ADDITIONAL COMMENTS: There were a few areas in the site where groundwater was bubbling out of the ground.

ATTACHMENTS AVAILABLE

( ) Aerials (X) Sketch (X) Maps ( ) Spawning Surveys ( ) Juvenile Trapping
( ) Other References

Site id. code: WC3 RB3
Site name:
Scale: 1"=20m
Observer(s): OLIS
Legal location: NW 1/4 S19 T31N R12E




NATIONAL
Crystal
White
Chuck
River
Creek
Creek
10
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12
13
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25
26
30
19
5025
4668
4642
4610
4682

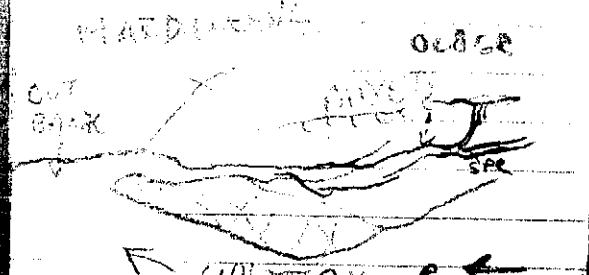
7

WC3 RB3

RM 8.7

NW 1/4 S19 T31N R12E

10-22-98



0.0 ENTRY
- FLOW - < 0.1 CFS
- W TEMP. 43°
- R TEMP. 40.5°
- ACCESS: POOL @ ENTRY

12m ww 1m
- SHALLOW, POOL
- MUD BOTTOMED
- WATER BUBBLING OUT BY TOE OF TERRACE CALL

22m - WW 1m
- POOL (@ POINT WHERE OUT OF "FLOOD ZONE")

85m wet 4m
- POOL SHALLOW
(EXCEPT HEAD END ~1m
W/ WATER P & CHARGE)
- HEAVY BRUSH V.M./D.C.
- SMALL TRICKLE ON RB
95m W WET m
- SM. POOL
- MUDDY
- @ FORK
- RE GOES 10m (0.5m wet)
- FLOWS OUT FROM GROUND

LE ½ FLOW

18m wet 0.5m
- COUPLE SM. SPRINGS

- FLOWS UNDER DOWNED LOGS
- HARD TO FOLLOW
80m wet 1.5m
- CH WIDENS OUT TO 3m
- BARELY FLOWING
CH FILLED W/ LEAVES SMALL BRANCHES
- SM. AMOUNTS OF WTR. P.
- RUN OUT OF WTR
- SM. CH CONT. FOR 30m?

TEMP. 49°

7

Comments

- NO FISH SEEN
- TERR. TRIB
- SPR OR GR. WTR
- MOD. FLOOD P.
- GOOD HAB.
- GR. BRUSHY COVER
- NO SPAWN. HAB.

TRIB 1142

- SMALL AMOUNTS OF SPAWNING GRAVEL
- 4' FALLS @ 75m
- PROB. ACCESSIBLE TO COHO ADULTS 150m BEFORE TO HIGH GRAD.