

SITE INFORMATION

Site Identifier : CA3RB2 **Landowner Type :** Federal
Site Name : **Landowner Name :** USFS
WRIA : 03.1411X **Address :**
Region : NS **Address2 :**
Trib to : Cascade R **City :**
River Mile : 10.20 **State :**
River System : Cascade R **Zipcode :**
Legal Description : NE1/4S17T35NR12E **Phone :**
County : Skagit
Habitat Type : overflow channel

Directions :

From the Marblemount bridge, head up the Cascade River Road for approximately 9.4 miles. Hike straight down to the river and the site.

Area Overview :

This overflow channel contains good over-winter rearing for coho juveniles, however it is subject to flooding as is evidenced by the amount of woody debris present. It had coho juveniles present throughout the site on day of survey.

Field Survey Information

Date : 11/10/1997 **Observer :** Olis **Survey Type :** initial

HABITAT INFORMATION

Water Source: Spring Groundwater Surface runoff

Flow: Intermittent Year-round

Estimated Flows (cfs): Lower end: 0.3
Upper end: 0

Water Temperature(C): Lower end: 8.3
Upper end: 8.6

Receiving Water Temperature (C): 7.2

Other Observations:

Site Area Measurements: Indirect Direct Combination

Widths: Channel: 2m Ponds: Wetlands:
 Depths: Channel: 25cm Ponds: Wetlands:
 Total length (includes ponds and wetlands): 445m

Total existing habitat area (est. m2): 1120

Spawning area:	Mainstem:	Tribs:	Total:
Impounded area:	Mainstem:	Tribs:	Total:
Other rearing area:	Mainstem: 1120	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: Slow-moving, with pools and a silty/muddy substrate. Within the first 50m of the site, there is a debris jam that is 16m long and 6m wide, and there are a few large pieces of woody debris scattered throughout the site that form pools. Some sections of the site have canary grass, sedges and water parsley present as well as good brushy cover.

Describe unaccessible habitat:

Wetland type: Bog Marsh Scrub-shrub Forested

Describe:

Flooding potential: Low Medium High

Describe: Site is on a low bench and is an overflow channel. It will flood regularly during major events as is evidenced by the debris jam present near the head of the system.

FISH INFORMATION

Site entry condition: Poor Fair Good

Describe: Habitat is all pooled at the entry.

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

Describe: Juvenile coho were observed throughout the system. No spawning habitat was found in this site.

Other species access and use: Chum Pink Sockeye Chinook Trout

Describe: Although no trout were observed, the site is accessible to them.

ENHANCEMENT OPPORTUNITIES: None

Project type:

Equipment access:

ADDITIONAL COMMENTS: Site is subject to flooding and probably is old river channel.

ATTACHMENTS AVAILABLE

Aerials Sketch Maps Spawning Surveys Juvenile Trapping
 Other References

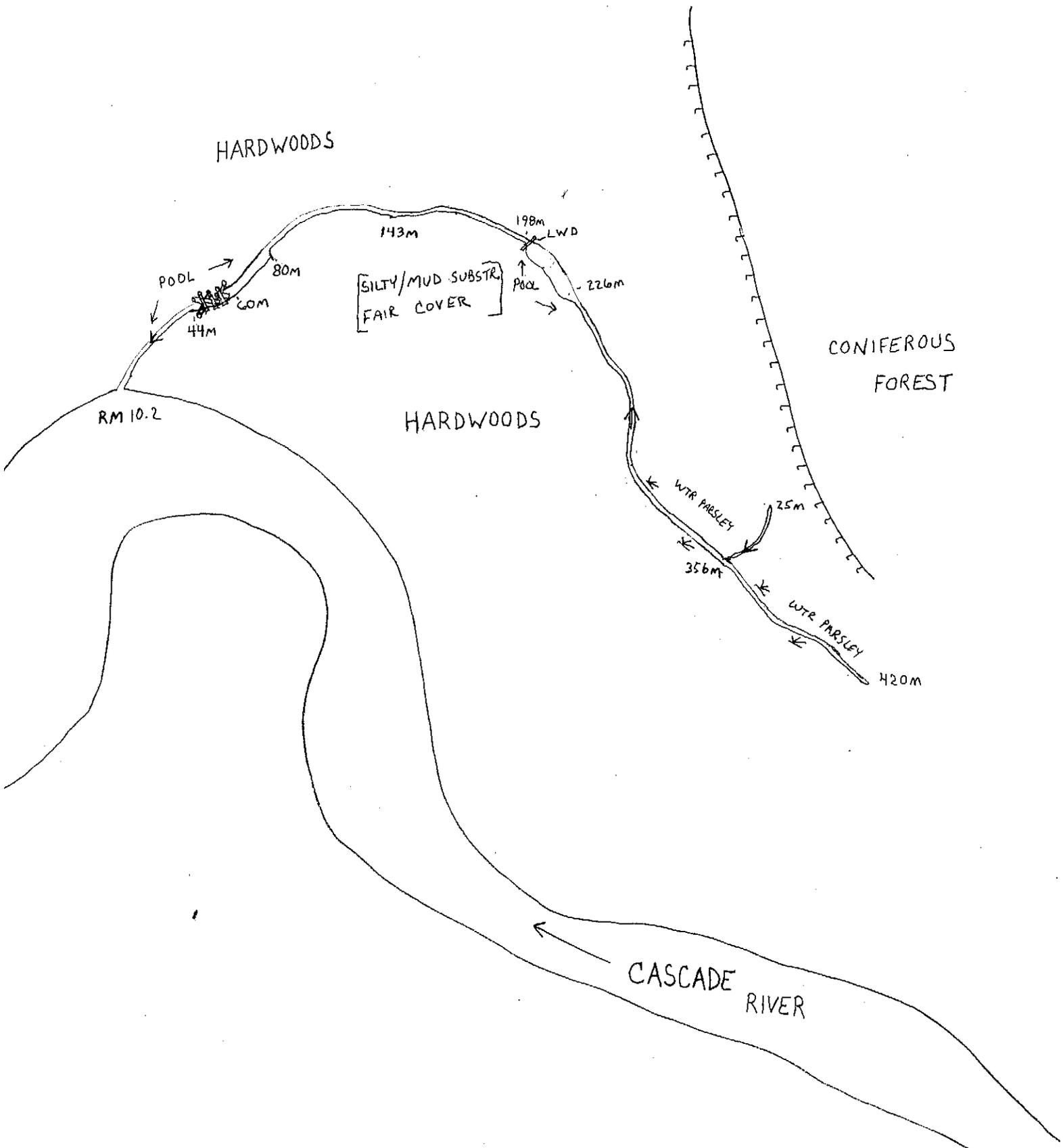
Site id. code: CA3 RB1

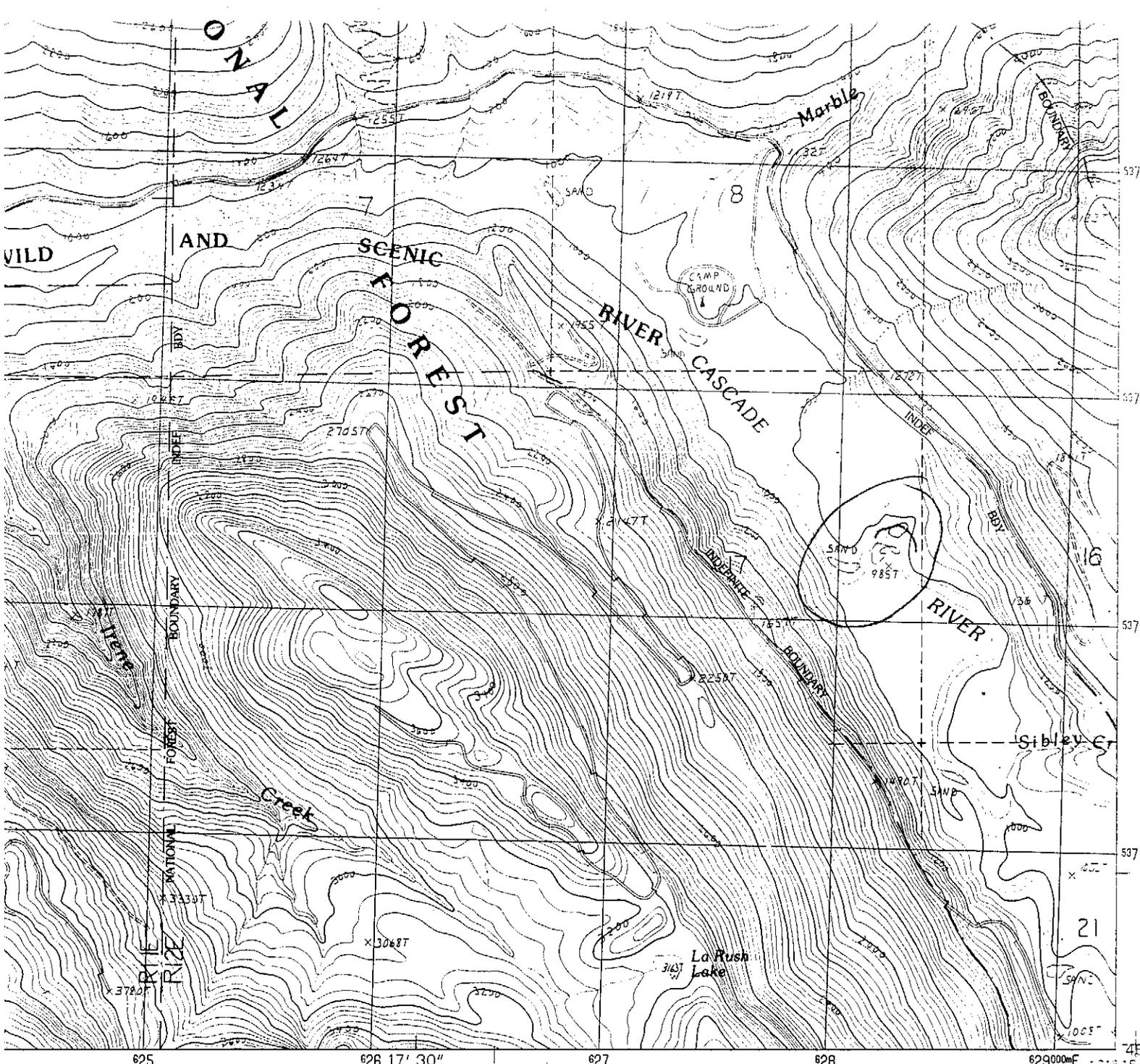
Site name:

Scale: 1" = 50m

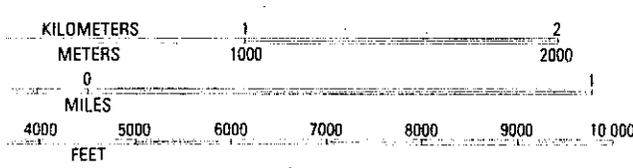
Observer(s): MICHAEL OLIS

Legal location: NE 1/4 S17T35N R12E





SCALE 1:24 000



CUR INTERVAL 40 FEET

feet to meters multiply by .3048
meters to feet multiply by 3.2808

U. S. GEOLOGICAL SURVEY
80225, OR RESTON, VIRGINIA 22092

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1989



QUADRANGLE LOCATION

1	2	3	1 Damnation Peak 2 Mount Triumph 3 Diablo Dam
4		5	4 Marblemount 5 Eldorado Peak 6 Illabor Peaks
6	7	8	7 Snowking Mtn 8 Sonny Boy Lakes

ADJOINING 7.5 QUADRANGLE NAMES

ROAD LEGEND

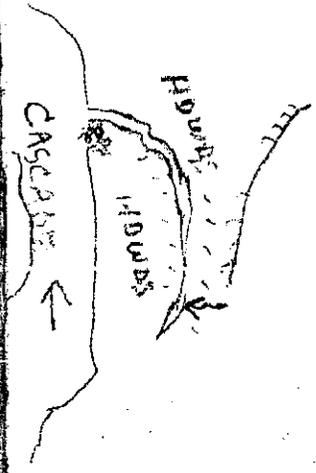
- Improved Road
- Unimproved Road
- Trail
- Interstate Route
- U. S. Route

BIG DEVIL PEAK
PROVISIONAL EDITOR

48121-E3-TF-0

11/10/97

CA3 RB2
RM 10.2
~~354~~ NE 1/4 S17 T35N R12E



0.0 ENTRY
 REC. W T. - 46°
 STR. T - 47°
 FLOW . 0.3
 ACCESS GOOD

44m WW 2m
 - POOL -
 COHO JUV. PRESENT
 - SUBSTRATE IS SILT/
 MUD -
 @ DEBRIS JAM?
60m was 6m
 OTHER SIDE OF
 DEBRIS JAM

80m WW 6m

- POOL - 1 FT DEEP
- LEAVE BOTTOMED
- MUCKY FULL OF COMB SW.

143m WW 3m

- SLOW - MOVING
- LEAVE - BOTTOMED
- SMALL WD IN CH.

198m WW 2m

- SLOW MOVING
- GOOD COVER

226m WW 6m

- POOL 1m DEEP
- LWD FORCING - POOL

356m WW 2m

- SOME CANARY GRASS, SEDGES, WTR PARSLEY
- SILTY SUBSTR.
- AREA OF YOUNG ALBES ON LB.
- (OVERFLOW CH) 5
- @ TRIB ON RB. WILL COME BACK TO.

420m - 1m

- END OF WTR
SWALE CONT.
WITH ISOLATED
POOLS

- WTR TEMP 47.5

- LOOKS FLOODY

- GOOD JUV. USE

FRIB ON RB

25m WWI in RIFF

P. GR. SUBSTR.

- CONC JUV. FEES.